





## NEWS: EUROPE

## Di Pietro may face blackmail trial

By Robert Graham in Rome

Mr Antonio Di Pietro, the Milan magistrate who brought to light the first of the dozens of corruption scandals which have undermined Italy's political elite, yesterday faced the prospect of trial on three counts of blackmail.

The grave charges against Mr Di Pietro require endorsement by a judge before he is sent for trial. The case is complicated by allegations that Mr Di Pietro himself was the victim of blackmail by people closely linked to the former Berlusconi government.

But the request for his trial threatened to undermine the credibility of Italy's three-and-a-half-year anti-corruption drive.

The two Brescia magistrates who made the request also asked that Mr Paolo Berlusconi, younger brother of former premier Silvio Berlusconi, be sent for trial for aiding and abetting Mr Di Pietro's blackmail.

Also covered by the request for Mr Paolo Berlusconi to be sent for trial was Mr Cesare

## Italy unlikely to meet end-of-year parliamentary deadline for budget

The Italian government yesterday faced growing difficulties in meeting the end-of-year deadline to obtain final parliamentary approval for its 1996 budget, writes Robert Graham in Rome.

It was desperately trying to find ways of coming to terms with a budget amendment forced through on Tuesday by the rightwing alliance headed by Mr Silvio Berlusconi, the former prime minister, which would oblige the government to find a further 15,200bn (\$3.2bn) in spending cuts. The government had instead envisaged raising taxes on cigarettes and petrol in a "mini-budget" to make up for revenue shortfalls that have emerged since the 1996 budget was first presented in September.

Previti, the defence minister in last year's Berlusconi government and the Rome lawyer for Mr Silvio Berlusconi's Fininvest business empire, as well as two senior justice minister officials. Mr Di Pietro had been heavily involved in investigating the activities of Fininvest.

Yesterday's events have dealt a serious blow to the

The government was examining two broad options yesterday. The first centred on an appeal to the centre-left parties, which have a clear majority in the Senate, to vote against the amendment. This would allow the Chamber of Deputies to reconsider their position, in particular those members of the populist Northern League who teamed up with the rightwing alliance to achieve a majority.

The second option involved setting before parliament a range of cuts, mainly in health, transfers to the regions, tax breaks for companies and defence spending. Whichever option was chosen, politicians on both sides believed time was needed to work out a compromise. If the budget is not approved by December

31, a provisional budget comes into force with strict limits on spending.

Yesterday, the trade unions voiced concern about prospective cuts. In response to union opposition, the 1996 budget had shied away from placing too much emphasis on spending cuts. At present the government is seeking to raise 122,000bn by a combination of tax increases and spending cuts - of this only 114,000 is due to come from slashed spending.

Meanwhile, a settlement was reached yesterday with petrol pump operators, who called off a series of shut-downs over Christmas and New Year after the government agreed to water down proposals to liberalise the sector.

Subjects of the blackmail were:

- A loan in the mid-1980s of 1120m (\$75,000) for Mr Di Pietro to purchase a house from Mr Giancarlo Gorrini, a Milan businessman involved in a big insurance fraud.
- The gift of a second-hand Mercedes from Mr Gorrini's insurance company.
- Undue pressure by Mr Di

Pietro on some businessmen to help pay the gambling debts of a friend who was the head of Milan's traffic police.

Mr Di Pietro did not deny he received the loan or the car but said the money was fully repaid by the autumn of 1994.

Yesterday, Brescia magistrates claimed he had blackmailed Mr Gorrini into making the loans, giving the car and paying his friends' debts. They also alleged he had used undue influence to help organise a contract to install information technology in the Milan law courts as well as for his friend to be selected as head of the Milan traffic police.

Mr Gorrini went to the justice ministry in the autumn of 1994 to denounce what he knew about Mr Di Pietro last autumn. This move was allegedly prompted by Mr Paolo Berlusconi and Mr Previti. Switzerland's highest court has ruled that bank and corporate documents seized from Fininvest can be given to Milan prosecutors investigating corruption allegations, AP reports from Lausanne.

## EUROPEAN NEWS DIGEST

## Airport arrest in Bouygues probe

French police yesterday arrested Mr Pierre Botton, a Lyons businessman who has been linked to the investigation by magistrates of Bouygues, the construction company, - as he attempted to leave the country for the US.

An aircraft he had boarded delayed at Roissy airport in Paris and police came on board to take him away. Mr Botton, who was last summer convicted by a court in Lyons on a series of corruption charges along with Mr Michel Noir, the city's former mayor, is currently helping magistrates investigating allegations linked to Bouygues.

Mr Botton, who is Mr Noir's son in law, was originally convicted for misuse of corporate funds in 1992 in a separate inquiry. He was sentenced earlier this year in a new corruption case to four years' imprisonment, with an appeal due in January.

Mr Martin Bouygues, chairman of the company, was yesterday still being held by police, who also raided the group's offices just to the west of Paris. The inquiry is believed to centre on the use of Swiss bank accounts linked to Mr Botton into which large sums of money were allegedly paid by a number of French companies. The judge is investigating claims that at least FF22m (\$410,000) was paid by Bouygues alone.

Andrew Jack, Paris

## German growth forecast lower

A leading German economic research organisation yesterday revised down sharply its expectations of growth in 1996 just as the Federal Statistics Office in Wiesbaden forecast a record number of insolvencies this year.

The Munich-based Ifo economic research institute now expects growth to slow to 1.7 per cent next year from 2 per cent in 1996 after forecasting growth of 2.5 per cent for 1996 and 2.25 per cent this year as recently as October. But Mr Karl Heinrich Oppenlander, the Ifo president, said Germany was facing a "cyclical dip" rather than a recession.

He forecast stronger growth in the second half of 1996, supported by domestic demand. He believes there may be scope in the spring for a further cut in Germany's discount rate from the present 3 per cent. Mr Oppenlander blamed weak investment for Ifo's lower forecasts. The problems of slow growth were highlighted yesterday by the Wiesbaden statistics office which forecast 28,000 insolvencies in Germany this year after last year's record of 24,928.

Peter Norman, Bonn

## Brussels mobile phones directive

The European Commission said a directive on mobile and personal telecommunications will come into operation early next year. The directive requires member states to abolish all exclusive and special rights in the mobile communications sector for monopoly players and to set up open and fair licensing procedures.

Operating holding licences for mobile service will be able to apply to run all digital mobile services, such as GSM, DCS 1800 minicell and DECT cordless. Member states may not refuse to allocate licences for public access/teletext applications using the DECT short-range system or, from 1998, licences for mobile systems on the DCS 1800 standard, thus meeting concerns in the UK, France and Germany. Member states may not restrict combinations of mobile technologies. The directive also gives mobile operators the right to build their own infrastructure or make use of alternative telecom infrastructures run by utilities and railways, the commission said.

Reuter, Brussels

## Austrian competition inquiry

The European Commission announced yesterday it was investigating capital injections made by the state-owned Austria Tabakwerke into its subsidiary Head Tyrolia Mares, a producer of sporting equipment and sportsware after complaints from competitors. EFTM was rescued from insolvency in April when Austria Tabakwerke made a first capital injection of Sch400m (\$408m). Other rescue payments followed in August and September. Austria Tabakwerke also decided in September to sell its subsidiary to a group of international investors for a symbolic price of Sch10m and a capital grant to write off HTM's losses of Sch1.19bn.

● The Commission has decided not to object to payment of the third and final tranche of state aid totalling £50m (\$75.8m) to Aer Lingus, the Irish national airline. This follows a decision in December 1993 to allow the carrier to receive £175m of state aid to finance a restructuring plan.

● The Commission cleared payment of Ecu69m (\$90.5m) by the Spanish government to Ford España, a subsidiary of Ford Motor Company for, research and development associated with plans to develop and manufacture a new petrol engine on its Almussafes site. The Commission considered the R&D, environmental, energy savings and training aid were compatible with EU competition rules on aid to the car industry.

Emma Tucker, Brussels

## Kinnock tax plan to ease traffic

The European Commission said yesterday that new taxes and tolls on cars and trucks should be imposed to ease traffic congestion in cities and cut vehicle pollution.

Mr Neil Kinnock, the transport commissioner, said possible steps include new road tolls in cities, higher taxes on vehicles that cause most pollution and road damage, and charges to drivers based on total mileage driven. The Commission also called for commitments by Europe's carmakers to develop more efficient vehicles, tax breaks for consumers who buy efficient cars, and more money for research into fuel efficiency. The Commission will submit both plans - general ideas rather than concrete proposals - to the 15 EU governments in the hope they will help craft legislation and then adopt it.

AP, Brussels

## ECONOMIC WATCH

## German M3 remains weak

The weak trend in German money supply, with which the Bundesbank justified last week's interest rate cuts, continued in November as M3 grew at an annualised rate of only 2 per cent. This leaves it well under the 1995 target range of 4-6 per cent. The bank last week set an M3 target for 1996 of 4-7 per cent. Last month's rise in M3 was the largest this year and compares with a rate of 1.7 per cent in October. The Bundesbank said bank lending remained high in November, growing by 7.8 per cent on a six-monthly

annualised basis against 7.2 per cent in October. Monetary capital formation (in which funds move to longer-term investments outside M3) grew more slowly at a 7 per cent rate after October's 8.1 per cent.

■ Spain's GDP grew 2.9 per cent in the third quarter from the third quarter of 1994. It rose 0.5 per cent from the previous quarter.

■ Denmark's November Consumer Price Index rose 0.2 per cent from a month earlier, bringing the year-on-year inflation rate to 1.9 per cent.

■ Italy's industrial producer price index was unchanged in October from September and up 7.9 per cent over the same month last year.

■ The Dutch current account showed a F13.999bn (\$2.5bn) surplus in the third quarter compared with a revised F1.465bn surplus in the first quarter and a F13.199bn surplus in the same quarter a year ago.

Source: Datastream

For a long time now we have been in a difficult position because we have treaty obligations," said Mr Papoutis.

Ministers will have to thrash out how far, and at what speed distribution networks are opened to competition. A compromise produced by the Spanish government - now ending its six-month presidency - proposed a phased liberalisation over eight years.

France is continuing to back its "single buyer" proposal, an alternative "liberalisation" package. Under this arrangement deals between electricity users and foreign suppliers would have to be reached through the host country's transmission system operator, which would be the sole purchaser of electricity supplies within that country.

## EU fails to end deadlock on energy

By Emma Tucker in Brussels

A deal to break Europe's six-year deadlock on liberalising energy markets yesterday eluded European Union ministers. They were unable to reconcile sharply different positions on how far existing monopolies should be broken up.

Public sector industrial unrest in France made it virtually impossible for the French government to soften its staunchly anti-liberalisation stand, while Germany and the UK insisted on a radical approach.

"The core of the deal is just too difficult in France at the moment," said a diplomat.

As a demonstration of its commitment to a strong public sector, France, backed by Greece, closed the energy council meeting in Brussels with a unilateral declaration that it considered energy to be a public service.

This provoked a retaliation from Mr Lorenz Schomerus, a senior German economic ministry official, who said that there had to be a greater opening of energy markets and more competition.

"I understand that there are obligations to public service, but this should not be allowed to hamper public service," said Mr Schomerus.

The key obstacle to progress remained the knotty problem of "third party access" - or how far energy companies should have to open their networks to competing energy suppliers. France wants Electricité de France, its state energy company, to maintain control over its network, while countries such as the UK and Germany believe competitors should be assured access to national networks.

The ministers attempted to maintain recent momentum behind energy liberalisation by issuing an upbeat and liberal set of conclusions which pleased British and German diplomats.

They were also optimistic that a deal could be reached over the next six months under the Italian presidency of the EU which starts next month.

"If at certain we will be able to achieve success under the Italian presidency," said Mr Christos Papoutis, the commissioner responsible for energy.

However, he hinted that the Commission was coming under intense pressure to stick to the terms of the Rome Treaty which foresees a single energy market, and would be prepared to use special powers to force liberalisation if the deadlock continued.

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The French employers' federation, and came in spite of threats from the unions that strikes could relegate it to the subject were not debated.

The summit, which is due to start this afternoon and run late into the evening, will involve the government, the country's five principal unions, the Patronat, and two other business organisations.

The details came as the French Senate voted by a large majority to give the government approval to introduce its remaining social security reforms by decree rather than full parliamentary debate.

The government used its strong majority to push through the vote, as it had done over the past few days in the National Assembly, despite strong criticisms by opposition politicians that the approach was anti-democratic.

Meanwhile, results of a new survey from Sofres, the opinion polling institute for the Figaro newspaper, suggested yesterday that 70 per cent of business leaders were pessimistic about the country's economic growth next year, and two-thirds said the recent strikes would have serious consequences for them.

## Kremlin leader insists majority of new MPs back democracy and freedom

## Yeltsin says poll result not 'tragedy'

By Chrystia Freeland in Moscow

President Boris Yeltsin yesterday tried to play down the Communist party victory in last weekend's Russian parliamentary election, insisting that the result would not alter the country's economic and political course.

"We have no reason for concern or to regard the election as a tragedy," Mr Yeltsin said, in his first remarks since the elections. "The majority of the new Duma (parliament) consists of parties which follow and will follow the policy of democratisation and observance of human rights and personal freedoms which Russia has started and which it will not give up."

The Kremlin leader's remarks were upstaged by additional election results released yesterday evening, which showed further gains for the Communists. With more than three-quarters of the votes counted, the Communists appear likely to win at least 150 of the 450 seats in parliament.

The leftwing coalition, which is expected to include the Communists' rural allies, the



Communist party leader Gennady Zyuganov (left) conferring with his deputy Valentin Kuptsov during a press conference in Moscow yesterday to discuss the outcome of the election

Agrarians and other small, more radical Communist factions, is now likely to occupy at least 40 per cent of the seats in parliament.

However, Mr Gennady Zyuganov, the Communist boss who has been catapulted into the international spotlight by the election results, said the vote should not worry foreign

investors. "They say Communists oppose foreign investment," Mr Zyuganov said. "That is not true. Look at China where a Communist government has not prevented foreign companies investing 10 times more than they do in Russia. No one is scared there. Why should they be here?"

Mr Zyuganov was less generous towards Russia's current rulers, warning that the election results would force the government to abandon its current fiscal austerity and boost social spending, raise tariff barriers to support domestic industry and increase state subsidies for faltering sectors of the economy.

"The government has put its

policy to a virtual referendum and only one out of 10 voters supported it," Mr Zyuganov said. "With such support they simply cannot continue with the old policies."

Mr Zyuganov also reaffirmed that the Communists intend to challenge the 1991 Belovezhsky Woods treaty, which provided the legal grounds for the dissolution of the Soviet Union.

This could be one of the most dangerous elements in the communist political agenda, because it is one of the issues on which the leftwing coalition is likely to win the support of Mr Vladimir Zhirinovskiy's ultra-nationalist Liberal Democrats, who are expected to control some 50 seats in parliament.

Earlier in the week reformers had hoped that Russia's Choice, the liberal party led by the former prime minister Mr Yegor Gaidar, would exceed the 5 per cent barrier and shift the balance in parliament away from the left.

But the most recent returns, which show Russia's Choice with just 4.1 per cent of the vote, have suggested that reformist parties are likely to be significantly out-gunned.

## Surprise choice for head of French railways

By David Buchanan in Paris

The French government yesterday made the surprise choice of Mr Loïc Le Floch-Prigent, president of Gaz de France, as head of the state-owned SNCF rail network.

Mr Le Floch-Prigent, who is 52, has been more associated in the past with Socialist governments, which have appointed him to run other state enterprises. Mr Alain Juppé's conservative government has chosen him in the hope that he can negotiate a new plan, to streamline the company without provoking a recurrence of the recent three-week strike that cost it FF2.5bn (\$500m) and brought its expected 1995 deficit to FF14bn-FF15bn.

Mr Bernard Pons, the transport minister, praised Mr Le Floch-Prigent's qualities as a "negotiator and a man of social dialogue". The nomination

won praise, too, from some left-wing politicians.

Mr Le Floch-Prigent was a last-minute choice. Mr Juppé precipitated last week's resignation of Mr Jean Bergougnon as head of SNCF by publicly criticising his failure to win union acceptance of his controversial railway recovery plan, then found himself pressed to find a replacement.

He was ready to settle for Mr Louis Gallois, the Aérospatiale president and another Socialist appointee, but President Jacques Chirac apparently vetoed the move fearing that it would destabilise the aerospace and defence company at a crucial point in its own restructuring.

SNCF officials expect Mr Le Floch-Prigent to take over at the start of January. SNCF trains were running normally yesterday. The unions have accepted an offer to spread over several months the impact on pay packets of wages lost during the strike, to pay workers for 3-4 days during the strike which they would normally have had off, and to allow employees to convert a third of their time on strike into paid leave taken out of their 1996 holidays.

The company's new president has had a see-saw career running state enterprises. A



Le Floch-Prigent: former Socialist choice

former chief aide to the first Socialist government's industry minister in 1981, he was parachuted in the following year as the head of the then nationalised Rhône-Poulenc chemicals group.

The Chirac government ousted him in 1986, but its Socialist successor made him head of the Elf-Aquitaine oil company in 1988.

He stayed at Elf until 1993, when the Gaullists returned to power, replaced him at Elf by Mr Philippe Jaffré and privatised the oil group, switching Mr Le Floch-Prigent to Gaz de France, the state utility. Criticised by Mr Jaffré for leaving Elf over-expanded and indebted, Mr Le Floch-Prigent's tenure at Gaz de France had since seemed shaky after his stewardship at Elf and because of his association with the left.

His appointment is a measure of the government's desire to build bridges. The SNCF president is a firm believer in France's public services.

## Juppé promises proposals to increase growth

By Andrew Jack in Paris

The French prime minister yesterday promised to unveil concrete proposals to help boost household consumption and economic growth at his "social summit" this afternoon with unions and business organisations.

Mr Alain Juppé, speaking in the parliament, promised to present new ideas on growth as well as opening serious discussions on increasing youth employment and greater flexibility in working hours.

His proposals are likely to concentrate on how best to implement a number of existing initiatives launched over the past few months, but may also include a series of new propositions.

Speaking on television last Sunday, Mr Juppé did not rule out considering new legislation to require employers to hire young people.

However, he has rejected demands to discuss salary levels made by several unions leading industrial action in opposition to his controversial social security reforms over recent weeks.

His determination not to discuss money was a necessary condition for participation in the summit by the Patronat,

the French employers' federation, and came in spite of threats from the unions that strikes could relegate it to the subject were not debated.

The summit, which is due to start this afternoon and run late into the evening, will involve the government, the country's five principal unions, the Patronat, and two other business organisations.

The details came as the French Senate voted by a large majority to give the government approval to introduce its remaining social security reforms by decree rather than full parliamentary debate.

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## Rha is finance minister in Seoul shuffle

By John Burton in Seoul

Mr Rha Woong-hae, head of South Korea's national unification ministry, was yesterday appointed minister for finance and economy in a cabinet reshuffle less extensive than predicted.

The choice of Mr Rha, one of the cabinet's most prominent members, indicates President Kim Young-sam plans to keep close ties with the country's big industrial groups despite their involvement in the recent scandal concerning ex-President Roh Tae-woo.

Worried by the possible impact of the scandal on economic growth, Mr Kim "appears to have opted for stability rather than reform," one opposition party official said.

The cabinet reorganisation, the fifth since Mr Kim took office in February 1993, was advertised as an effort to break ties with his two military-backed predecessors.

Former presidents Chun Doo-hwan and Roh are expected to be indicted today on charges for leading a 1979 military coup and the subsequent massacre of pro-democracy protesters in the city of Kwangju.

Mr Rha is already on trial on corruption charges. Mr Chun is staging a hunger strike to protest his arrest for alleged sedition earlier this month. Mr Rha's health is deteriorating and he was taken last night to hospital, where he could receive emergency transfusions of nutrients.

Mr Rha is associated with the Chun and Roh administrations during which he held important economic posts, including deputy prime minister for economic affairs. He was also a former president of Haeil Confectionery and Hanook Tire, two leading companies.

As national unification minister in the Kim administration, Mr Rha sided with business against conservative hardliners in supporting South Korean corporate investments in North Korea.

In another sign of co-operation with business, Mr Kim dismissed Mr Han Ja-han, his chief economic adviser. Mr Han had favoured curbs on the growth of conglomerates.

The personnel changes reflect the priority Mr Kim is placing on steady economic growth ahead of crucial general elections next April that threaten the government's parliamentary majority.

Mr Rha replaces Mr Hong Ja-hyong, a popular minister recruited to stand as a ruling party candidate in the April polls. Mr Rha's replacement as national unification minister is Mr Kwun Ok-ke, president of Donga Ilbo, a leading Korean newspaper.

The rest of the cabinet reshuffle was limited to relatively minor posts. Remaining untouched were such key ministries as foreign affairs, defence, trade and industry, justice, labour and social welfare, and national security.

The composition of the cabinet seems to fall short of Mr Kim's promise to appoint a new generation of younger ministers. The average age of new cabinet appointees is 56.6 years, only five months younger than the previous cabinet.

The new cabinet contains fewer politicians than any previous one during Mr Kim's administration. Its members mainly consist of technocrats and professors.

## Gerard Baker assesses the liquidation package for housing loan companies

# Politics taints Japanese bailout plan

### Japan's housing loan bailout

Japan's housing loan companies will be liquidated under a plan approved by the government. The plan is to be implemented by the government and the private sector.

Category	Assets	Liabilities	Net Assets
Performing	3,400	3,400	0
Non-performing	3,200	3,200	0
Total	6,600	6,600	0

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Government has agreed to spend a lot of money on what amounts to a banking bailout - a risky move in a country where banks are unpopular

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## Philippine inquiry into maid's death

With the execution of a Filipino maid in Singapore last March still a recent memory, Philippine officials yesterday began an inquiry into the death of another Filipino maid there, AP reports from Manila.

President Fidel Ramos ordered the investigation after Philippine medical examiners disagreed with Singaporean doctors on what caused Ms Angelina Palaming's death.

Singapore police reported that the maid committed suicide on December 7 by jumping from the ninth floor apartment of her employer. But medical examiners of the National Bureau of Investigation reportedly found evidence disputing the suicide claim.

The case could revive criticism in the Philippines about treatment of Filipino maids in Singapore, an issue that became a cause célèbre in March when Ms Flor Contemplacion was hanged for two murders. Filipinos said Ms Contemplacion may not have committed the murders and accused Singapore officials of rushing to justice.

Ms Palaming, 28, who baby-sat for a family since 1991, reportedly took along her four-year old ward in her leap to death. Relatives, however, suspected foul play, saying the boy was not even injured.

Mr Ramos and Mr Go Chok Toeng, Singapore's prime minister, have agreed to restore full relations by January. Both leaders pulled out their ambassadors at the height of anti-Singapore protests in the Philippines over Ms Contemplacion's execution.

### ASIA-PACIFIC NEWS DIGEST

## Australian union roll-call falls

Australian trade union membership fell 139,900 in the year to June, according to government statistics published yesterday, indicating the traditionally powerful union movement is losing members at a rate of about 2,500 a week. Overall, about 40 per cent of the workforce now belongs to a union, against 52 per cent five years ago. The decline has been more noticeable among men.

The Australian Council of Trade Unions challenged the figures, saying the much sharper-than-expected fall did not accurately reflect union membership. The figures were based on perceptions of union officers and "may reflect a variety of considerations". The union grouping has made a membership drive one of its top priorities. The latest figures also give a rationale for the ACTU's recent campaign against employers, such as the mining group CRA, which has sought to move unorganised workers on to staff contract.

Nikki Tuill, Sydney

### World Bank loan for Pakistan

The World Bank has agreed a \$350m loan to help finance the \$2.5bn Ghaz Barot power project in Pakistan, one of its first large hydro-power projects since it was forced to withdraw from the Arun Dam scheme in Nepal this summer. The bank said this was the first such project in which an independent panel of environmental experts and social scientists had guided preparation work from the start. Only 600 people are being resettled for the 1,450MW project. Pakistan's energy demand is expected to increase 6.7 per cent a year to 2005.

Peter Montagnon, London

### Thailand boom set to continue

Thailand's export-led economic boom looks set to continue, the World Trade Organisation says in a report released yesterday which praises the country's moves to liberalise its economic and trade regime. Over the past decade, Thailand has been one of the world's fastest-growing economies: gross domestic product rose by more than 11.5 per cent on average between 1985 and 1990 and, after financial tightening, by more than 8 per cent a year from 1990 to 1994.

The boom has also led to rising costs, environmental problems and overvalued infrastructure, facing manufacturing industry to move into higher-value added areas, the WTO report notes. Thailand is among the world's top 20 exporters of services, predominantly tourism. But it has run into criticism from Washington for doing too little to open its financial services sector, despite the Thai government's plans to make the country a regional financial centre. Japan and the US remain Thailand's largest individual trading partners.

Francis Williams, Geneva

## India orders inquiry into Reliance share duplicates

By Shirez Siddiqui in New Delhi

The Indian government yesterday ordered a probe into the issue of duplicate shares by Reliance Industries, the country's largest private sector company.

The inquiry follows persistent demands by opposition leaders in parliament that a thorough probe be conducted into the issue, which sparked off a row between Reliance and the Bombay Stock Exchange nearly a month ago. Reliance had threatened to delist itself from India's largest bourse after a three-day suspension as punishment for alleged malpractice. The dispute was eventually resolved.

Mr Manmohan Singh, finance minister, said yesterday that the probe would be conducted jointly by the Securities and Exchange Board, the government's stock market

watchdog, and the Department of Company Affairs. The investigation would examine two sets of transactions by Reliance, both involving the issue of duplicate shares. One of the transactions involves shares purchased by the Unit Trust of India, the country's largest mutual fund.

Mr Singh said the government had ordered the probe because it was determined to ensure that the country's capital markets functioned in a transparent and efficient manner and that the interests of investors were fully protected.

Reliance has denied charges that it knowingly issued fake shares to manipulate the market and said it welcomed the probe. It has maintained that shares were issued because an investor sold the original scrip and had been misled.

Opposition leaders in parliament said the probe into Reliance was called to defuse attention from an unprecedented impasse between the opposition and the ruling Congress party.

Some MPs had alleged last week that Reliance had a stake in Himachal Pradesh, a small company which they claim has unduly benefited from a sudden change in rules and the government's subsequent decision to call for a second round of bidding by January 1.

Reliance, whose joint venture with Nyrstar of the US is among companies which lost out because of the change of rules, has denied the charges.

# The best advisers are those with the most experience

Price Waterhouse Corporate Finance advised on 14 transactions completed in November with a combined total value of £1.2 billion.

### Management buy-out of

British Fuels Limited

and

British Fuels (Oils) Limited

from

British Fuels Distributors Limited

a subsidiary of

British Coal Corporation

Finance raised £50,000,000

Transaction led and managed advised by

Price Waterhouse

Corporate Finance

Acquisition of

Drakelew C

and

High Marnham

Generation Plant

by

Eastern Group PLC

Sum undisclosed

Eastern Group PLC advised by

Price Waterhouse

Corporate Finance

Merger of

Dalepak Foods PLC

and

Cavaghan & Gray Limited

to form

Cavaghan & Gray Group PLC

and placing to raise £15,000,000

Capitalisation of the enlarged group

on redemption to listing £55,000,000

Cavaghan and Gray Limited advised by

Price Waterhouse

Corporate Finance

Management and employee buy-out of

ITnet Limited

from

Cadbury Schweppes PLC

Total finance raised in excess of £40,000,000

Management team advised by

Price Waterhouse

Corporate Finance

Management buy-out of

Porterbrook Leasing

Company Limited

from

The Department of Transport

for £527,000,000

Management team advised by

Price Waterhouse

Corporate Finance

For further information contact Tom Wilson on 0171 939 3000

Price Waterhouse

Corporate Finance

These transactions are not a matter of record only. Price Waterhouse of 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707



## NEWS: INTERNATIONAL

## Encryption rules to be prepared

By Andrew Jack in Paris

Representatives of international business and government yesterday agreed to draw up guidelines on encryption, a system which allows computer users to transmit information electronically with little risk that it can be intercepted and understood by unauthorised "hackers".

The meeting, which was held at the International Chamber of Commerce in Paris, could lead to formal propositions prepared jointly by business and government organisations that could be ready by as soon as next summer.

Yesterday's meeting did not have any formal legal authority, but was highly

significant as the first forum where so many representatives of governments, businesses and computer experts met to discuss developments in encryption.

Highly sophisticated encryption technology already exists in a number of countries including the US and Sweden. In the US, companies already have access to these programs. A growing number of businesses - led by the banking sector - are demanding access to these programs.

However, many governments, including that of the US, have resisted permitting the technology to be exported because they fear it will fall into the hands of organised crime and terrorist organisations.

They have demanded that they should be able to "hack" into computer transmissions for counter-intelligence and criminal investigation work, in the same way that they can conduct telephone-tapping exercises.

An important conclusion of yesterday's Paris meeting was that business agreed in principle to allow such hacking to take place as long as sufficient safeguards were in place and "electronic search warrants" had been issued with proper judicial approval.

A number of governments appear willing to permit relaxation of export controls on sophisticated encryption devices as long as these safeguards are in place.

Among the issues that experts on both sides need to resolve are the ways in which "keys" allowing computer transmissions to be decoded would be handled.

A number of business organisations have discussed the use of third-party organisations, which would be independent of government, would have the keys and would hand them over to government investigators when demands were justified.

However, the organisations still have to resolve a number of issues, including how these custodians could be made legally liable for any unauthorised access to this information and for the costs of its misuse.

## Court clears way to final BCCI settlement

The London-based UK liquidators of the Bank of Credit and Commerce International have a memento of its collapse in the lobby of their offices near the High Court. It is the metallic nameplate from BCCI's headquarters, taken in the hectic days after the bank's closure at noon on July 5 1991.

There must have been times in the chaotic early days after the bank's failure, and the subsequent discovery of massive fraud, when the liquidators thought it might be the only asset they would have to distribute to an estimated 250,000 creditors owed \$14bn (\$9.5bn). But yesterday, more than four years later, a brighter picture emerged as a court in Luxembourg finally cleared a worldwide settlement for creditors. While the technical possibility of further legal barriers still exists, most parties to the BCCI settlement now see a clear road ahead.

The debts of the bank, initially estimated at \$14bn, have been reduced to \$10bn. This is because claims against the bank have been waived as part of a complex series of agreements which have also brought in funds for the liquidators to distribute to creditors.

Assets have been swelled by several big contributions from third parties. These include the \$1.8bn from the government of Abu Dhabi, the bank's principal shareholder, as well as \$242m so far from US authorities, and more than \$400m flowing from an agreement with Sheikh Khalid bin Mahfouz of Saudi Arabia. The Abu Dhabi agreement alone included an undertaking to waive a potential \$2.2bn lawsuit against the liquidators.

The total assets of the liquidation should stand, after costs, at \$3.3bn by April 1996. The liquidators estimate that 100,000 creditors are covered by the settlement and entitled to share in these assets - although other creditors can elect to join. The liquidators plan a first dividend of "at least" 20 per cent, although they will face inevitable calls for it to be higher. By the end of the year they should be able to make a further payment.

## The end of the beginning

The long road to a settlement for the creditors of BCCI

- July 1991: Bank closed with liabilities of \$14bn
- February 1992: First dividend agreement reached
- December 1992: Agreement reached by appeal to Luxembourg court
- December 1993: Luxembourg court orders liquidators
- July 1994: Second dividend payment
- April 1995: Agreement reached by four former employees in appeal to Luxembourg court
- November 1995: Appeal with court
- December 1995: Luxembourg court allows agreement to proceed

In the long term the liquidators see a final dividend falling within the range of 30-40 per cent. While caution has marked all forecasts so far, there is an expectation that the final figure will be at the top end of this range. But this is not the end of the story - it is only the end of the beginning for the liquidators.

The proceeds of legal actions undertaken by the liquidators on behalf of creditors could eventually flow out from the courts. At present Touche Ross is trying to establish that it has a case against the Bank of England alleging that it failed in its duty as a regulator. A similar action stands against the IML - the Luxembourg regulator.

Furthermore, Touche Ross is taking action against the auditors of the bank - the Big Six accountancy firms of Price Waterhouse and, to a lesser extent, Ernst & Young. The proceeds from such actions, if successful, could significantly swell the liquidators' coffers. The action against Price Waterhouse, for example, stands at \$3bn but may well be settled for far less.

The liquidators will not speculate about the eventual dividend inclusive of legal actions. Much depends on their success, and that of many others. So far the BCCI saga has prompted more than 2,000 legal actions, relying in part on 150m documents. But observers believe that court proceeds, or "contingent assets", may swell the final dividend to 50 per cent.

One reason for the reluctance of the liquidators to predict dividends is that no static

figure exists for the number of creditors. If the settlement they are offering proves attractive enough, then creditors covered by other agreements, such as those in India, can switch into it, swelling the numbers significantly.

While this would initially depress the dividend, the new creditors would also bring with them any BCCI assets ring-fenced from the global settlement.

The settlement cleared yesterday by the courts in Luxembourg covers 35,000 creditors in the UK. About 18,000 of these have already been compensated, to some extent, by the Deposit Protection Board, which administers funds gathered from the UK's commercial banks. In its turn, the DFB will make a claim on the liquidators for the money it has paid. Under that plan sterling deposits of up to £20,000 in BCCI were met to a level of 75 per cent.

Yesterday there was understandable relief among the liquidators in the UK, Luxembourg and the Cayman Islands, that the worldwide settlement looks about to bear fruit at last. They will point to the problems of organising an insolvency in 69 countries as one of the reasons for the slow progress since 1991, along with the two appeals which interrupted the court process. As far as they are concerned the case of BCCI is the most complex liquidation ever attempted of a global financial institution.

Jim Kelly

## Mission to seek reform in Nigeria

By Michela Wrong

Commonwealth members meeting in London to decide what action to take against Nigeria's military regime yesterday agreed to send a ministerial mission there to push for reform, but stopped well short of backing oil sanctions called for by South Africa.

The Commonwealth Ministerial Action Group, appointed at the meeting in Auckland last month suspended Nigeria after Mr Ken Saro-Wiwa, the minority activist, was hanged, told a press conference the foreign ministers of Ghana, Jamaica, Malaysia, New Zealand and Zimbabwe would "pursue dialogue... at the highest level" with Gen Sani Abacha's government.

Only if that mission was seen to fail would harsher measures - such as a freeze on the leadership's foreign assets, a crack-down on new investment and export credits and oil sanctions - be considered.

Commonwealth officials say the united stance adopted in Auckland seven weeks ago has splintered. President Nelson Mandela of South Africa, who favoured a cautious approach before the hanging, is pressing for an oil embargo. But West African states such as Ghana and Sierra Leone, whose troops form part of the Nigerian-dominated Ecomog peace-keeping force in Liberia, are pushing for moderation.

## Israelis bypass Palestinian areas

By Mark Dennis in Bethlehem

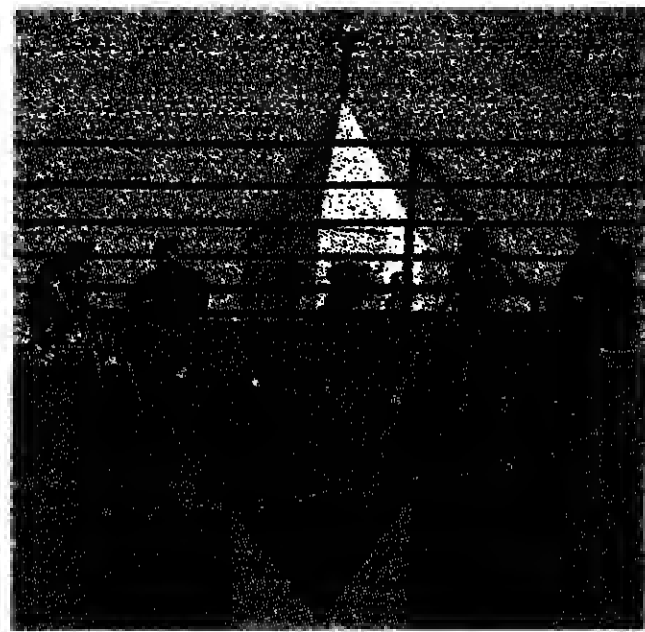
Israel completed a big bypass road around Bethlehem yesterday, preparing for its withdrawal from the town in time for Christmas by allowing more than 20,000 Israeli settlers to skirt the soon-to-be autonomous area.

Israel is expected to hand over control of Bethlehem to the Palestinian Authority today, two months after workers began around-the-clock construction on the 8km road that will ferry southern West Bank settlers to Jerusalem.

The bypass roads, part of the September agreement extending Palestinian rule in the West Bank, are just one phase of an estimated \$1bn (\$633m) move that is stretching an already tight budget. But the Bethlehem bypass and 15 others being built throughout the West Bank underscore Israel's paramount concern during the delicate interim phase of the 1993 Oslo Accords: the safety of individual Israelis, especially the 130,000 settlers living in the West Bank.

"The existence of the agreement is dependent on and continues to depend on security of Jews in Judea and Samaria," said Mr Binyamin Ben Eliezer, minister of construction and housing, at the road's opening ceremony yesterday. "The work done on this road will lead to a maximum reduction of... assaults between Jews and Palestinians."

Some Palestinians, however, fear the roads may have a much more important long-term impact: the creation of a



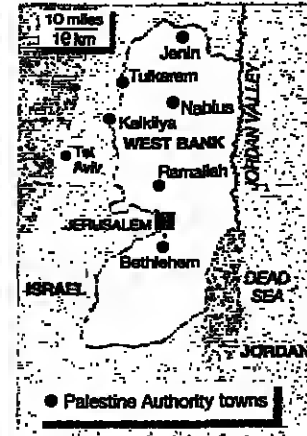
Palestinians bang a Palestinian flag on the Church of the Nativity in Bethlehem's Manger Square yesterday

"cantonised" West Bank, although negotiations on the final status of the West Bank are not scheduled to begin until May, many see de facto borders rising in the ribbons of asphalt. "The Israelis have surrounded the Palestinians with roads, stopping the growth of cities," said Mr Khalil Ta'ugli, a Palestinian geographer.

The Israeli Public Works Department is building the initial 80km of bypass roads for nearly \$100m. In addition, main arteries not designated as bypass roads are planned as part of general infrastructure improvements. The most

impressive is a thoroughfare, called Highway 60, designed to run from the southern Israeli town of Beerseheva north through the entire West Bank to Nazareth in the Galilee.

Because of its uncertain fate building has been concentrated on a Shk30m (\$6.3m) bridge and tunnel complex west of Bethlehem, which will serve as a ring road around Jerusalem north to the Palestinian town of Ramallah, encompassing many Palestinian neighbourhoods and creating what Mr Ta'ugli calls a geopolitical boundary for the holy city. The bypass roads will allow



Israelis to whisk through the West Bank without crossing populated Palestinian areas. The wide, smooth highways that already serve such a function for many settlements are a far cry from the narrow, rutted roads that wind through the undulating topography of the West Bank.

Bypass roads have already been completed around the newly autonomous towns of Jenin, Tulkarm and Kalkilyah, and completion of roads around Ramallah and Hebron is near. Roads leading from smaller, isolated settlements should be completed by spring, according to Israeli officials.

Mr Ben Eliezer says some of the roads will eventually be turned over to the Palestinian Authority. But Mr Ta'ugli is not so sure. "I don't see the Israelis spending so much money on the roads, only to turn them over to us any time soon," he said.

## NEWS: WORLD TRADE

## Mitsubishi Dutch production to soar

By Haig Simonian, Motor Industry Correspondent

Mitsubishi Motors, the latest Japanese car company to start building vehicles in Europe, yesterday said output at its NedCar joint venture with Volvo of Sweden and the Dutch government would jump to 130,000 units next year from 21,000 in 1995.

NedCar is based at a Volvo-owned plant in the Netherlands, which has been restructured for the joint venture. The company has recently started building the Mitsubishi Carisma, a five-door family hatchback, and a Volvo model based on the same platform but differently styled.

Mitsubishi, which is the third highest carmaker in Japan, has forecast Carisma output should rise to 50,000 units next year and reach 100,000 in 1997.

The company has been expanding its European sales network to handle the additional vehicles from the new plant. Mr Stephen Dixon, managing director of Colt Car, which imports Mitsubishi in the UK, said the company had targeted Britain, Germany and the Netherlands as its main markets for the new model.

Mitsubishi claims the Carisma is the first Japanese car designed exclusively for the European market and has a European content of 85 per cent from the start of production. The new model was jointly developed at the group's Japanese headquarters and at a European research and development centre near Frankfurt.

Mitsubishi has paid one third of the £13.4bn (\$22bn) invested in NedCar, based at Born, near Maastricht, since the joint venture was formed in 1991. Most has been spent on restructuring the plant and installing more modern facilities, including Japanese heavy presses and a new water-based paint shop.

Many of the plant's workers have been sent to Japan for two months' training at Mitsubishi's Mizushima factory, while up to 400 Japanese staff have visited Born for short periods to assist production.

## Honda's production tilts overseas

By Michio Nakamoto in Tokyo and Haig Simonian in London

Honda is set to become the first Japanese carmaker to produce more vehicles abroad than at home next year in a move highlighting the accelerating internationalisation of Japan's motor industry.

"The shift of production overseas is an important long-term trend necessary to avoid the impact of exchange rate fluctuations," Mr Nobuhiko Kawamoto, president of Honda, explained yesterday. The company expects to build 595,000 vehicles overseas in 1996, compared with 575,000 units at home.

Overseas production will be boosted by the decision, announced this week, to produce a new minivan (people car-

rier) for the North American market at an existing factory in Canada. Capacity at the plant will be doubled to 240,000 units a year at a cost of C\$300m (US\$219m), Honda said yesterday.

Honda's Canadian investment coincided with news that Nissan, Japan's second largest carmaker, would set up a Y8bn (\$50m) transmission assembly plant in Tennessee in the US. The new facility will have an annual capacity of 300,000 units and will begin production in the spring of 1996.

The two announcements reflect concerns among Japanese car companies to step up their overseas manufacturing as a cushion against the high yen, which has hit the competitiveness of direct exports.

Overseas production has also helped

alleviate trade frictions and allowed carmakers to respond more flexibly to local market needs. This month, Toyota, Japan's biggest carmaker, said it would start building pick-up trucks in Indiana - its fourth US production site.

All three Japanese companies have focused on the US and the UK as their bases for developed car markets. Output in the US has risen steadily in recent years: the new Canadian expansion will take North American output from Honda alone to 340,000 units a year. In the UK, meanwhile, production by Japanese car companies will reach more than 500,000 units this year, and should hit 630,000 units by 1996.

Honda, which was one of the first to produce abroad, remains the most international of Japan's three leading car-

makers. Its overseas production is planned to increase by 13 per cent next year, while direct exports should drop by nearly 20 per cent in 1996, after a 15 per cent fall in 1995. Meanwhile, Toyota expects overseas production to rise 9 per cent next year to 1.37m units after a 20 per cent increase this year.

By contrast, Nissan, one of the first Japanese carmakers to shift production abroad, has said it does not expect a significant increase in overseas output next year. However, it said exports would fall marginally to 580,000 units from the 599,000 forecast for this year.

The car companies are also gearing up to increase their domestic sales to meet growth forecasts of about 5 per cent next year. See Editorial comment

## Japan set to put 'Asia car' firmly on road

Motor industry is trying hard to consolidate its lead in east Asia, writes Michio Nakamoto

As part of its move towards expanded production abroad, the Japanese motor industry is on a drive to consolidate its lead in east Asia.

Earlier this month members of the Japan Automobile Manufacturers Association toured six south-east Asian countries with a brief to strengthen ties with local industry members. The tour, the first of its kind in the region, follows a visit last month by Mr Hiroshi Okuda, president of Toyota, to China and Vietnam to bolster Toyota's presence in two promising markets in the region.

"We believe that there is considerable potential for growth in the region," says Mr Koji Hasegawa, a director at Toyota in charge of Asian operations.

By the end of 1997, demand in the Asia-Pacific market is likely to exceed the 7.5m units expected to be sold in the Japanese market in that year, Mr Nobuhira Tsukahara, president of Mitsubishi Motors, believes. Japanese carmakers are well positioned to take advantage of that growth, being close by and already having an established presence. "We have been in some of these markets for as long as 30 to 40 years," says Mr Hasegawa.

For example, in Thailand,

the region's largest vehicle market, Japanese brand names have a market share of more than 90 per cent. Toyota alone enjoys 27 per cent. Japanese cars also dominate the markets in Indonesia and the Philippines. In Malaysia, Mitsubishi Motors boasts a share of more than 58 per cent, including cars made by Proton, the Malaysian carmaker in which it has an 8.7 per cent stake.

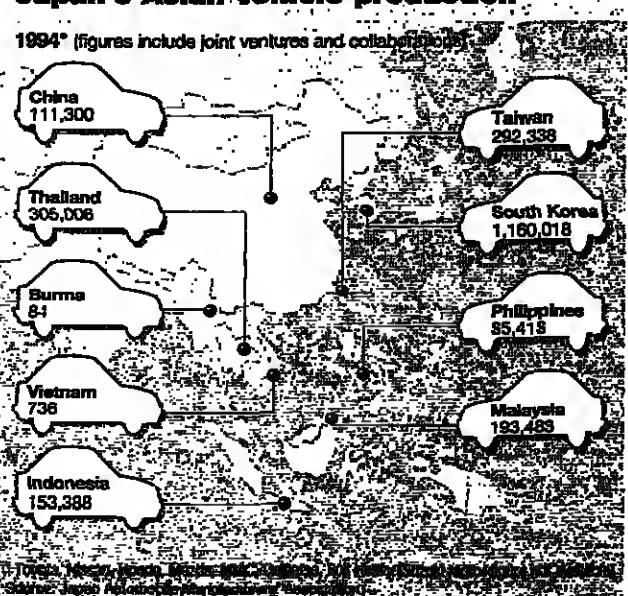
Mitsubishi Motors wants to raise annual car sales in the Asia-Pacific region by 75 per cent to 900,000 units by the year 2000.

It will soon start selling passenger cars and trucks in Burma and next year will start assembly of small passenger cars in Vietnam.

Toyota is building a second plant in Indonesia with the aim of boosting production capacity from 80,000 last year to 150,000 by 1998.

Increasingly, the focus of Japanese carmakers is not just on raising production but on strengthening their position in these markets with vehicles tailored specifically to regional needs. Many Japanese manufacturers are developing vehicles - sometimes referred to as their "Asia car" - specifically for the Asian market. They hope local consumers would view such models almost as "national cars".

## Japan's Asian vehicle production



Toyota's Corolla, a small passenger car sold throughout the region, the TUV, a utility vehicle sold in Indonesia, and the Hi-Lux pick-up truck, for example, are regarded as "Asia cars".

Although they are based on cars developed in Japan, they have been modified to suit local needs and sell in large numbers. The company sold about 50,000 Corollas, 70,000 TUVs and 80,000 Hi-Lux trucks in four south-east Asian countries last year.

Nissan has launched the AD Resort, which was developed for the region and is sold only in Taiwan, Thailand, Malaysia

and the Philippines where parts for the car are made. Honda is also considering producing a small car specifically for the Asian market.

The yen's appreciation in recent years has meant that if they are to remain competitive in the region, Japanese carmakers must localise parts supplies even further. The yen's surge has made the use of crucial Japanese parts much too expensive for local manufacturing.

Proton, the Malaysian company which has long relied for technology on Mitsubishi Motors, has broken with tradition and turned to Rover, the

UK-based carmaker, for engines. It also agreed a deal to make a 1.100cc car using technology from Citroen, the French company.

To maintain their competitiveness Japanese carmakers are speeding up efforts to take advantage of an agreement among countries belonging to the Association of South East Asian Nations that makes it easier for parts made in one country to be used in other member countries.

Toyota, for example, has set up a system of division of labour among its various facilities in the region whereby it manufactures diesel engines in Thailand, steering systems in Malaysia, engines in Indonesia and transmissions in the Philippines. The system enables Toyota to take advantage of volume production and lower costs.

Meanwhile, Toyota's Mr Okuda has indicated that a more aggressive move into China will be a priority during his tenure as president. Since he took office, Toyota raised its stake in Daihatsu, a small car maker which already makes passenger cars in Tianjin, and is assisting in plans to raise capacity at Daihatsu's joint venture.

But Japanese carmakers remain wary of the relatively undeveloped Chinese market and are cautious about large investments there. Mr Hasegawa points out, however, that slow as they may be Japanese companies see investment decisions as a long-term commitment.

## WORLD TRADE NEWS DIGEST

## Mexican trucks row hits Nafta

A row over the right of Mexican trucks to transport cargo in the US is souring relations between Mexico City and Washington, following a US decision to delay the opening of its transport industry under the North American Free Trade Agreement.

Under Nafta, the free movement of trucks between Mexico, Canada and the US should have begun this week. On Monday, however, Mr Federico Peña, US transport secretary, said the US was postponing the implementation of the agreement until it was satisfied Mexican trucks fulfilled US environmental and safety standards.

"We have undertaken all the required legal and regulatory measures and we are ready for liberalisation," Mr Carlos Ruiz Sacristan, Mexico's transport and communications minister, said on Monday. Mexico has asked the US to reconsider its decision to postpone the opening of its transport industry. In the US, the Teamster trucking union has lobbied strongly against the entry of Mexican trucks, arguing that they are unsafe, that Mexican drivers exceed US limits on driving hours, and that they are not adequately trained in handling dangerous cargo. Leslie Crawford, Mexico City

## Funding for satellite phones

GlobalStar, one of a number of consortia competing to develop hand-held satellite telephone services, said yesterday it had raised about 70 per cent of the funding required for its project.

It also said it had signed agreements with 78 countries for international service provision. Ground stations for the GlobalStar system are owned and operated by local or national telephone operators in each country taking the service. A number of other countries are expected to sign up in 1996.

GlobalStar said it had completed a five-year, \$250m bank financing agreement, with Chemical Bank taking the lead. A further \$600m would be required to complete the \$2bn needed to launch 56 satellites into low earth orbit. Alan Cane, London

## Brussels to hold ship aid ceilings

The European Commission is to maintain the ceiling for state aid for shipbuilders at 9 per cent of contract value for large vessels during 1996. The maximum aid for smaller ships costing less than Ecu10m (\$13m) and for ship conversions will be held at 4.5 per cent.

An agreement within the Organisation for Economic Co-operation and Development to end shipbuilding subsidies, which was due to come into force on January 1 has been held up by delays in ratifying the accord by the US and Japan. It is now to come into effect by July 15 at the latest.

The shipbuilding aid scheme has been in place since 1986, when the maximum subsidy level was 26 per cent. Charles Batchelor, London

## Mobile phones for Albania

In an attempt to beef up its ailing phone system, Albania's Mobile Communications Holding (AMC) has bought \$2m worth of equipment to install the country's first GSM mobile phone network by mid-1996. The purchase from Germany's Alcatel Mobile Telephone Network was financed jointly by the Albanian government and the Albanian Savings Bank.

The initial network is designed to serve 8,000 subscribers in western Albania, about one third of the country. Mr Adrian Shoku, AMC general manager, said.

He said deliveries from the Stuttgart-based Alcatel subsidiary would start within three months and the network would be operational by next June. Reuters, Tirana



Decision on 'frivolous'  
law suits lies with Senate

## House saves securities reform bill

By Maggie Urry in New York

The House of Representatives yesterday voted swiftly to override President Bill Clinton's veto of legislation which would reform securities litigation in the US, leaving it to the Senate to decide the bill's fate.

The bill was intended to end what are called frivolous class-action law suits against companies, which often follow a drop in a company's share price.

It would enable companies to make forward-looking statements and projections of profits in a "safe harbour" - meaning that, so long as risk factors were listed, the company could not be sued in the predictions proved wrong.

The draft legislation would also benefit advisers to companies, such as auditors. In the past, these have been found "jointly and severally liable" for a company's actions. That has led to advisers being made to pay damages if the company has gone into bankruptcy.

Under the terms of the bill, the advisers would be liable to the extent they were deemed responsible for the fraud.

So far, no date has been set for the Senate to vote on the bill, but it is expected to be much closer than the House's overriding 318:100 vote.

The bill has found support among companies, particularly those in the high-technology area which have suffered a large number of law suits. However, it has been opposed by lawyers who act for victims of fraud and by some investor groups.

Mr Clinton had been subject to fierce lobbying from both sides over the bill and, despite earlier indications that he would sign the bill into law, he vetoed it at 11.30 pm on Tuesday, only half an hour before his deadline.

The Senate initially sent the

bill to Mr Clinton by a majority of 68:30. There will now be intense pressure on a number of senators to change their vote so as to support Mr Clinton's veto.

However, those in favour of the bill claim that three senators who missed the last vote were supporters of the bill and said that they were confident of securing an overriding majority.

In vetoing the bill, Mr Clinton said he was in favour of its intentions but felt some of the details needed amendment. He would sign another bill, he said, if it took account of his suggestions.

"I am not...willing to sign legislation that will have the effect of closing the courthouse door on investors who have legitimate claims," his statement said.

The president believed the bill would tilt the balance between plaintiff and defendant too far in the latter's favour.

Although pleased that Mr Clinton had vetoed the bill, Ms Barbara Roper, director of investor protection at the Consumer Federation of America, said she was disappointed he had not gone further in his comments. She said that, even if the changes he proposed were made, "victims of fraud will still be under-compensated".

On the other side, the American Institute of Certified Public Accountants, which is in favour of the bill, said that, "by vetoing the bill, the president showed his long-standing loyalties in a small group of entrepreneurial lawyers".

In Britain, the Big Six accountancy firms have been monitoring the progress of the bill. They are pressing the British government to adopt similar reforms so as to restrict the liability of auditors.

## Hopes of end to US shutdown dashed

By Jurek Martin, US  
Editor, in Washington

Conservative Republicans in the House of Representatives yesterday dashed, at least temporarily, hopes that the second partial shutdown of the US federal government, now under way, could be ended within 24 hours.

Mr Leon Panetta, White House chief of staff, said after a meeting in the office of Mr Newt Gingrich, House Speaker, that conservatives had dug in their heels against the approach endorsed by the Speaker on Tuesday night, after a White House session with President Bill Clinton.

Mr Gingrich had said that, if a planned second round of talks in the White House yesterday afternoon proved satisfactory, he was prepared to put to the House a simple "continuing resolution" to let the government have temporary and unconditional funding for about another week.

But he admitted, after the talks with Mr Panetta, "conservative Republicans did not like that".

One of their leaders, Congressman Tom DeLay of Texas,



Four-part disharmony: (from left) Dole, Gore, Clinton, Gingrich at the White House this week

Republican majority whip, declared: "Read my lips - no CR [continuing resolution]".

Mr Panetta said he would report back to the president, but Republican resistance cast an immediate doubt over chances of a second White House session between Mr Clinton, Mr Gingrich and Senator Bob Dole, Senate majority leader.

The Speaker merely said: "We're trying to keep this low key at present".

This session had been meant to establish a negotiating process or "framework" on the wider balanced budget confrontation. Mr Mike McCurry, White House press secretary, noted the large remaining differences between the two sides on issues such as taxation and federal health insurance programmes.

Mr Gingrich claimed the president had accepted the principle of using the economic projections of the Con-

gressional Budget Office, rather than the administration's numbers, in approaching the goal of a balanced budget within seven years.

Vice-President Al Gore, however, suggested the Speaker's comments reflected "a slight misunderstanding" over the use of CBO "scoring", which the Republicans consider an article of faith. He also said no timetable had been agreed for producing an agreement, though Mr Gingrich and Sena-

tor Dole insisted that a target of "the end of the year" had been accepted.

Several prominent Republicans reacted angrily to the vice-president's remarks. Mr DeLay said he was "tired of being jerked around" by the administration. This sentiment clearly spilled into Mr Panetta's meeting.

Both sides, however, are under pressure to bring the second suspension of government business in a month to a quick end. About 260,000 federal employees have been laid off without pay all week and the impasse has attracted widespread criticism across the US.

The agreement to negotiate also did not prevent Mr Clinton from continuing to wield his veto pen. Yesterday, he was expected to send back to Congress unsigned the current defence bill, partly because its missile defence component would violate the 1972 anti-ballistic missile treaty with the Soviet Union.

Other objections covered restrictive anti-abortion language and the size of the bill, \$7bn more than the \$388bn he had requested.

## Congress to probe Salinas brother

By Leslie Crawford  
in Mexico City

The Mexican Congress has voted to launch an inquiry into the activities of Mr Raúl Salinas, elder brother of former president Carlos Salinas.

Mr Raúl Salinas was jailed this year while facing charges of murder, forgery and illicit enrichment.

In January, an investigative committee will begin to examine the financial records of Conasupo, the government marketing board for maize and other staple foods, in which Mr Raúl Salinas served as a director in 1985-91.

"This is the first time the Mexican Congress has decided to set up its own commission of inquiry," said Mr Adolfo Aguilar Zinser, an opposition member in the Chamber of Deputies. "We in the opposition want to prove that Congress can act independently, and that we are capable of conducting our own investigations."

As a first step, he said, Congress had ordered Conasupo's archives sealed, on suspicion that critical documents were being shredded.

Mr Raúl Salinas is alleged to have accumulated a fortune during his time at Conasupo. During his brother's six-year presidency, which ended just over a year ago, Conasupo's annual budget more than doubled to the equivalent of \$3bn, and the agency grew to become the fourth largest such entity after the Social Security Institute, the state oil monopoly Pemex and the federal electricity board.

Former and present government officials admit Conasupo was a bastion of corruption in an increasingly deregulated economy. Conasupo's main function was to buy maize at high support prices and then to sell it to tortilla producers at a low, subsidised cost. Agricultural officials say this inflated transactions at Conasupo, which bought and sold maize several times over through a carousel of paper deals known as "the bicycle".

## An 'economically resilient' Latin America

Annual UN report on the region finds worst expectations confounded, writes Imogen Mark

Latin America is ending the year with moderate growth, inflation at its lowest level in 25 years, and export earnings 20 per cent higher than a year ago, the UN Economic Commission on Latin America and the Caribbean said yesterday.

The region has thus shown unexpected economic resilience and confounded the worst expectations that followed the aftermath of Mexico's devaluation crisis.

According to its annual year-end economic report based on government figures and estimates, the region reduced its current account deficit from \$50bn in 1994 to \$34.5bn.

"Many observers expected a general collapse of external finance for the region in the wake of the Mexican debacle," Mr Gert Rosenthal, Eclac's general secretary, said. "The reason it did not happen, he added, was largely because

of the swift reaction of the US government and the international financial agencies in support of Mexico and, to a lesser extent, Argentina. The compensatory flows from these sources, about \$28bn, together with other flows, more than covered the outflows.

Besides this the reaction to the events in Mexico and Argentina showed the region had unsuspected reserves of vitality and adaptability.

Higher export earnings were a result of favourable terms of trade for the second consecutive year and helped the region's economic performance. Mr Rosenthal said that there were reasons to think that high world prices for a majority of the region's commodity exports would prevail, to a lesser extent, in 1996.

Growth in the region slowed to 0.6 per cent, from 4.6 per cent in 1994. But while Mexico and Argentina suffered nega-

tive growth, minus 7 per cent and minus 2.5 per cent respectively, Chile grew 8 per cent, Colombia 5.5 per cent, Peru 7.5 per cent, El Salvador 6.5 per cent, and Brazil 4 per cent. Another 11 other countries grew between 2 per cent and 5 per cent. The average, excluding Mexico and Argentina, is 4 per cent, only slightly below the 1994 rate.

The success in reducing inflation - an average 25 per cent against 33.3 per cent in 1994 - was a more generalised trend, though one country, Brazil, had a disproportionate impact. The Brazilian stabilisation programme has brought down inflation there from 829 per cent for 1994 to 22 per cent in 1995. Mexico showed a sharp rise, however, from 7.1 per cent to 43.5 per cent.

Brazil took a significant share of the region's net capital inflows, which fell overall from \$44.9bn to \$22.4bn. Bra-

zil's stabilisation and reform programmes helped spur capital inflows from \$9bn in 1994 to \$26bn in 1995. More than half the total, however, was in stock market or short-term investments attracted by high interest rates.

Mexico, which was receiving flows of \$77bn a year between 1991 and 1993 and \$11bn in 1994, registered an outflow of \$17bn in 1995. This was covered, however, by the financial support package led by the US.

The Eclac economists were cautiously optimistic that Argentina, Mexico, and Uruguay, the one other country showing negative growth, would "regain the path of moderate growth with stability". They pointed to some underlying dangers for the region as a whole. The growth of recent years has not been capable of generating full employment or of solving the

existing social problems.

Second, they expressed doubts about what they described as "a development pattern based on large external deficits, financed by short-term foreign capital and insufficient national savings, as well as economic policies that are not well enough co-ordinated and rely excessively on a few instruments".

Mr Rosenthal also warned of the risks posed by the fragility of the banking systems in six or seven countries, Mexico and Argentina among them. This was not least because of the tendency of governments to "socialise" bank losses, making fiscal policy management more difficult.

*Preliminary Overview of the Latin American and Caribbean Economy 1995: Eclac, Servicios de Información, Boletín de Estadística, Asesoría Económica, Santiago, Chile*

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are crying.



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The economy Rate of money supply growth rises ■ Food and drink imports decline

## Trade deficit with non-EU states halved

By Graham Bowley,  
Economics Staff

Britain's exports surged last month while money supply growth overshoot the government's monitoring range for the first time, official figures showed yesterday.

The data provided economists with evidence that the economy may be growing more quickly than they had previously thought.

The Central Statistical Office said that Britain's trade gap with countries outside the European Union more than halved in November as exports rose to a record level.

The visible trade deficit was £0.5bn (\$0.77bn) compared with £1.2bn in October. Exports rose to £5.8bn from £5.3bn in the previous month while imports fell to £5.3bn from £6.5bn.

Half of the improvement in

exports was due to one-off erratic items - in particular the sale of a warship to Saudi Arabia, which was worth just under £150m. But the underlying deficit, excluding oil and erratic items, also fell sharply to £262m from £382m.

Meanwhile, the Bank of England said the annual rate of growth in M4, the broadest measure of the money supply, grew by a seasonally adjusted 9.3 per cent in the year to November up from an upwardly revised 8.9 per cent in October.

This was the highest rate since April 1991. It also takes the annual growth rate of M4 above the top of the government's monitoring range for M4 of between 3 per cent and 9 per cent for the first time since the range was set up in the March 1993 Budget.

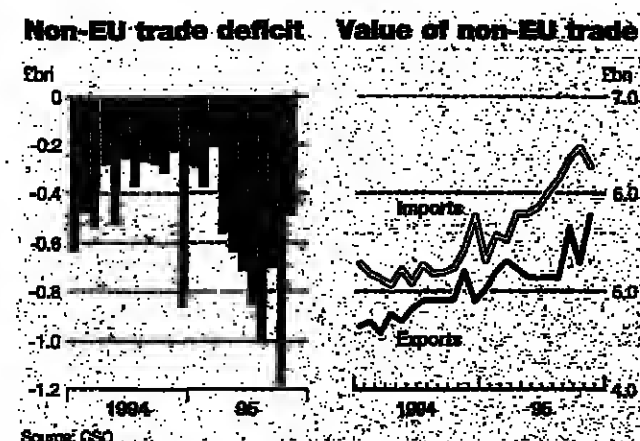
Concern about strong M4

growth - which some economists believe is a good indicator of economic activity and of inflation - has been raised at recent monetary meetings.

It was cited by the chancellor as one of the reasons interest rates were cut by just a quarter of a percentage point last week - rather than half a point.

One of the main reasons for the high growth was increased bank lending to the government. The government borrowed to meet the large short-fall between its public sector borrowing requirement and the amount raised from gilt sales.

In spite of the strong monetary growth, M4 lending by banks and building societies (mutually owned savings and loans institutions) was subdued. It rose by 8.2 per cent in the year to November, down from 8.7 per cent for the year



to October. Economists said this could mean that the acceleration in money supply growth might not continue.

The CSO said the increase in exports was spread across all sectors, with particularly strong growth in semi-manufactured goods such as iron, steel and finished manufactured goods.

Imports of food, beverages and tobacco declined, reversing the previous month's large increase. There was also a big drop in imports of basic materials and semi-manufactured goods.

Imports of silver, mainly from North America, have been running at exceptionally high levels, but halved last month to around £50m. But the statistical office said this was still above normal levels.

The CSO's estimate of the longer term now shows exports rising slightly faster than imports with the deficit remaining unchanged. In the three months to November, exports rose by 8.5 per cent while imports rose by 6 per cent.

There were improvements on deficits with most areas.

## Investment in overseas assets reaches record

By Graham Bowley

Institutional investment, which has been depressed since late 1994, recovered in the third quarter of this year as investment in non-UK assets rose to a record. Institutional investors such as pension funds and insurance companies made a total net investment of £13.8bn (\$21.25bn) in the third quarter, the Central Statistical Office said yesterday.

This is a sharp rise from the £8.9bn invested in the second quarter and marked a return to

the levels of investment seen until the third quarter of 1994, the office added. Spending on non-UK securities such as overseas company shares surged to £4.8bn from £1.6bn in the second quarter.

There was also a large rise in net investment in short-term assets such as treasury bills, which increased to £3.8bn in the latest quarter from £1.4bn in the previous three months. But purchases of UK government bonds, or gilts, fell to £2.5bn, the lowest level for almost two years.

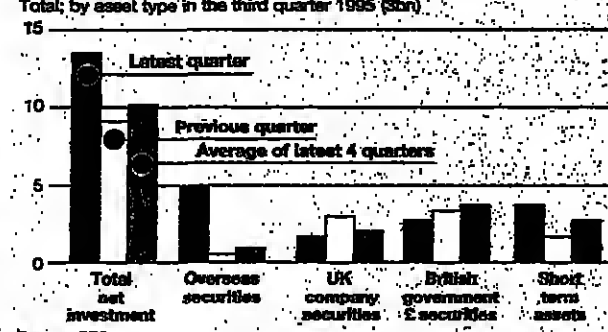
This reflected lack of

issuance by the government and also the failed September gilts auction which was undersubscribed. Institutions' net investment in UK company securities also remained low at £1.5bn.

Economists said this reflected the state of company takeovers in the UK this year as domestic investors were deprived of opportunities to invest in company shares as these were bought up in the take-over process. This in part prompted the shift in investment to the overseas sector, economists suggested.

### Institutional investment

Total, by asset type in the third quarter 1995 (£bn)



## Fish minister to fight quota cuts in Brussels today

By Deborah Hargreaves  
in London

Mr Tony Baldry, the UK fisheries minister, will arrive in Brussels today to fight severe cuts recommended by the European Commission for Britain's fishing quotas.

Mr Baldry will argue with his European Union counterparts for reductions in proposed quota cuts following the British government's defeat over fishing policy in the House of Commons on Tuesday night.

Mr Baldry said yesterday that the vote against the government in the House would not affect his negotiating position. "None of the realities of the negotiations have been changed by last night's vote," he said.

The commission, acting on advice from scientists, has proposed drastic cuts in next year's quotas for some species. Mr Baldry said he hoped to end up with a 30 per cent cut in the North Sea plaice quota rather than a 47 per cent reduction as proposed by the commission.

He said he would also argue for smaller cuts in hake and mackerel quotas. Fishermen's organisation have argued that

the proposed cuts in quotas for next year could push a lot of trawler owners out of business. "We are arguing for a phased approach to reductions for some of the most savage cuts," said Mr Barria Deas, chief executive of the National Federation of Fishermen's Organisations.

Mr Deas said the North Sea plaice quota had already been reduced by 25 per cent this year. "It is impossible for any industry to live with a halving of its raw material in two years," he said.

The commission says quotas for many species must be cut drastically because of a sharp fall in fish stocks. "The same people who are blaming us now would blame us even more in five years when all the fish have disappeared," an official said.

But fishermen question the basis for some of the stock measurements put forward by the commission's scientific advisers. "I am genuinely concerned there seems to be a sense of alienation between the fishing industry and scientific advisers," Mr Baldry said. "But we must base our decisions on the best scientific advice available."

## Tories were sunk by absent friends

The government's defeat on fishing in the House of Commons on Tuesday was blamed, yesterday, on the absence from the vote of two Conservative MPs, George Parker at Westminster writes. The two mistakenly watched the vote on television.

Government officials said the two MPs - Sir Michael Marshall and Mr Michael Spicer - thought the vote was at 10pm. But they watched horrified as they saw the government defeated by two votes three hours earlier.

The presence of both MPs would have averted the defeat, which handed the opposition Labour party a propaganda triumph. A senior government official said: "Both of them are very contrite, and it is safe to say it won't happen again."

Party whips are said to have been "highly frustrated" that two of their most experienced MPs failed to turn up for the key vote. Both Mr Spicer, a former minister, and Sir Michael were first elected to the House in 1974.

Mr Spicer said he fully supported the government on the issue, but declined to comment on his failure to vote. Sir Michael was unavailable for comment.

Meanwhile the greatest government anger was directed towards the two Euro-sceptic Conservative MPs who voted with Labour - Mr Michael Cartis and Mr Bill Cash - and the 11 who deliberately abstained.

Mr Michael Heseltine, deputy prime minister, said: "They have got to face up to a very simple question: are they trying to replace this Conservative government with a Labour government which will, in the simplest of their own terms, abandon all the safeguards that John Major has secured in Europe?"

Mr Tony Blair, the Labour leader, said: "The leadership election changed nothing and we see the parliamentary year ending as it began - in incompetence, division and chaos." Mr Blair was referring to the summer election in the Conservative party when Mr Major survived a challenge from one of his ministers who left the cabinet in order to stand against him.

## Buy-out team plans big order for trains

By Charles Batchelor,  
Transport Correspondent

The first UK order in nearly three years for new main-line trains is expected to be announced within the next few weeks by Enterprise Rail, the buy-out team which has acquired the London, Tilbury and Southend (LTS) rail franchise. LTS runs trains from Fenchurch Street station in London to Southend, 50km to the east of the capital.

Enterprise plans to renew its entire fleet of 80-year-old trains at a cost of several hundred million pounds by 2002. It will invite tenders to supply trains and then lease them either directly from a rolling stock manufacturer or through one of the three rolling stock companies which have been created in the pre-privatisation reform of the national rail network.

"British Rail could never have undertaken to make these investments," said Mr Chris Kinchin-Smith, managing director at LTS since 1993.

Great Western Holdings, the management group which has acquired the state-owned Great Western Trains company, is also studying plans to

introduce new rolling stock, including using the tilting trains tried unsuccessfully by the national network in the early 1980s. These trains, now in use in several European countries, would cut 10 to 15 minutes off the three-hour journey between London and Plymouth in south-west England. The main Great Western lines run from London to Bath, Bristol, south Wales and the south-west England counties of Devon and Cornwall.

Both companies have made a commitment to introduce new rolling stock in return for longer franchises than the seven years awarded to the Stagecoach bus company over South West Trains routes. LTS has a 15-year franchise and Great Western a 10-year agreement.

Rolling stock orders have dried up because of uncertainty about the future of the railway in the run-up to privatisation. The uncertainty has forced ABB, the Swiss-Swedish engineering group, to close its factory in the northern England city of York.

The Enterprise management team was backed by two development capital groups, 3i and Gresham Trust, in its bid. They will hold 49 per cent of the equity. Enterprise will receive a state subsidy of £22m (\$44.7m) in 1996-97. Subsidy will fall to £22.9m in 2002-3.

The Great Western management team was backed by FirstBus, the second largest bus company, and the 3i venture capital group.

Lex, Page 17



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### LEGAL NOTICES

No. 89648 of 1995

IN THE HIGH COURT OF JUSTICE  
CHANCERY DIVISION  
MR REGISTRAR SIMMONDS

IN THE MATTER OF  
MERCANTILE TRADING GROUP PLC  
and  
THE COMPANIES ACT 1985

NOTICE IS HEREBY GIVEN that the Order of the High Court of Justice Chancery Division dated 20th December 1995 confirming the reduction of the Share Premium Account of the above-named Company by £5,512,000 was registered by the Registrar of Companies on 6th December 1995.

Dated this 21st day of December 1995  
Nicholas Graham & Jones  
25-31 Moorgate  
London EC2A 4AR

Solicitors for the above-named Company

IN THE MATTER OF  
BERNARD TOWERS & GORDON YETTS PLC  
and  
THE COMPANIES ACT 1985

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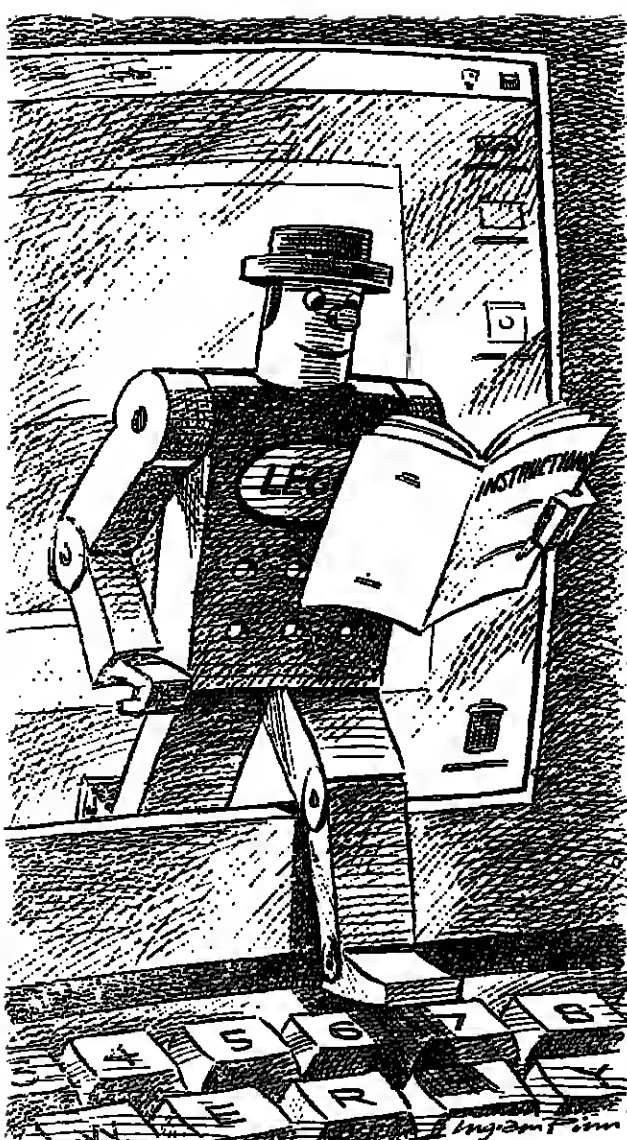




## TECHNOLOGY

Programmable devices will give children a richer learning experience, writes Victoria Griffith

## Thinking toys of the future



The alarm rings but the toy man asleep on his green plastic bed does not stir. He has a system to get him moving in the morning however, and the bed soon lifts and dumps him onto a conveyor belt that brings him into the kitchen for breakfast.

When he is dressed, he walks next door to the chocolate factory, which is already humming with pulleys and more conveyor belts.

The alarm clock bed and the Wonka factory are products of children's imaginations. The computer programs that run the toys were created by children at a Lego-funded research project at "Toys that Think", the Massachusetts Institute of Technology's Media Lab.

Other creations include a city of the future with moving pavements, and a house that allows only certain colours of car to park in its garage.

These childhood fantasies are an important part of the

project, which aims to create programmable toys that children can use to express themselves. "It doesn't have to be cars or factories," says Mitchell Resnick, who heads the Lego-MIT project. "We've created kinetic sculptures with kids using this technology."

The toy industry has long been interested in play objects that perform. In the late 1800s and early 1900s, jack-in-the-boxes and other mechanical toys were a big success. In the 1960s, battery-operated toys were all the rage, as the toy sector worked out how to make dolls cry and miniature cars to move.

Resnick says the difference between these and thinking toys is that in the old toys, behaviours are dictated to children. His new computerised devices, on the other hand, allow children to decide what the toys should do. "It's a much richer learning experience for the children," he says. His research, which began

nearly 10 years ago, has already yielded commercial products for the Lego group. Dacta, the company's educational division, has been selling programmable toys to schools across the US since 1990. Lego will not say how much revenue the toys bring in, but the company does reveal that they account for half the division's sales.

"Children love these products, which are built with light sensors, touch sensors and other things for them to program as they want," says Marsha Whitehead, marketing manager for Dacta. But because the sets require a personal computer link-up, and because adults have to help children write the programs, the toys have not yet made it to the shelves of high street toy stores.

Using the latest technological advances, Resnick hopes to change that. The new phase of the MIT project aims to create

programmable toys that do not have to be hooked up by wire to a personal computer and will allow even young children to dictate self-created programs with no adult supervision.

Miniaturisation and wireless technologies will help make this possible. Resnick has created what he calls the "programmable brick", a device slightly smaller than a television video tape, which can relay relatively complex behaviour patterns to the toy into which it is incorporated. "Most of this is batteries," Resnick explains. "I think we can make it much smaller."

Alternatively, toys could be geared to accept wireless signals from PCs to give children more leeway in the behaviour. "One of the problems up to now has been that a toy that's physically hooked to a personal computer has limited possibilities," says Resnick. "You could create a great monster, for instance, that opens its mouth when you clap, and moves when you shine light on it, but if it can only move a little way, it's not much fun. We want something that is more mobile, so you can send the monster to the next room, if you like."

Yet Resnick concedes that making the products smaller and more mobile is only part of the challenge. One of the biggest problems in bringing thinking toys into the home is simplifying the interface so that children can have fun with the objects on their own. Because of the interface problem, Lego's computerised

Dacta products are now only offered to older children (aged from 11) and must be used with the supervision of computer-literate adults. Children tell the supervisors the sorts of things they want to do, but adults usually type in the programs using mysterious-looking symbols and computer shorthand.

Resnick is trying to solve this problem by creating software to simplify the programming process. One experiment uses coloured squares with simple instructions on them such as "go", "stop", "forward" and "backward". Resnick says that by using a mouse, the squares can be put together on the computers as if the child were building a tower out of bricks.

Yet the more simple the interface, the more limited the behaviours the child can instill. And even the computer brick-building exercise may be beyond the understanding of many children.

"The easiest thing to do would be to make a thinking toy along the lines of today's interactive CDs," says Resnick. Most of today's computer programs for children have built-in responses: A child clicks the mouse on a dog on the screen, for instance, and it barks. Complex behaviours could also be built into blocks and mobile toys. A Lego robot, for instance, could be made to do a dance at the click of a mouse or the clap of hands.

Although such toys may be commercially successful, Resnick has doubts about their creative value. "The child is not giving his imagination free rein," said Resnick. "He's just observing what... the manufacturers decided would be fun for him to see. If we can't get beyond that, we haven't really moved much further than what we got with simple battery-operated devices". Or, for that matter, with the old-fashioned jack-in-the-box.

## When the snow has not fallen

Ski resorts no longer have to rely on winter to cover the slopes, writes Clive Cookson

Skiers at hundreds of resorts around the world can thank biotechnology for the healthy snow cover on the pistes this Christmas.

The winter sports industry, particularly in North America, no longer relies on nature to turn the slopes white in time for the Christmas and New Year public holidays.

Many ski areas - pushed to the brink of financial disaster by a series of snowless Decembers during the late 1980s and early 1990s - have invested heavily in snow-making equipment, for which a key ingredient is a biotech product called Snomax.

This is an "ice nucleating" protein made by *Pseudomonas syringae*, a natural bacterium that is widespread in the environment.

It was discovered 20 years ago by Steven Lindow, a biologist studying frost damage to plants at the University of Wisconsin in the US, and is manufactured commercially by Genetec, an industrial biotechnology company in Rochester, New York.

Resort operators add the freeze-dried protein to water before it is squirted at high pressure from a snow gun. The microscopic Snomax particles provide an excellent nucleus for the water droplets to crystallise in the cold air into artificial snowflakes.

Pure distilled water can be "supercooled" to -40°C before it freezes, because there are no solid nuclei around which the molecules can start to form the hexagonal array of an ice crystal.

The natural water used by ski areas to make artificial snow - typically drawn from local rivers and lakes - contains enough nucleating particles of dirt and dust to freeze at an average temperature of -7.5°C when propelled as droplets through a snow gun, according to Richard Brown, general manager of Genetec's Snomax division.

The same water with Snomax added freezes at -2.5°C, so resorts can make snow when the temperature would otherwise be too high.

And the company says that, even when the air is much colder, the added protein particles increase the efficiency of snow-making and improve the quality of the artificial snow.

The Snomax patents cover all biological ice-nucleating products, so Genetec - a joint venture of Eastman Chemical of the US and Caltor of Finland - has the market almost to itself.

The company is cagey about revealing precise production figures. Brown says it sells 15,000kg-20,000kg a year of Snomax to 400 ski areas worldwide. Some large resorts in the US spend as much as \$200,000 (\$133,000) a year on Snomax - enough to pump 250m gallons of water through their snow guns and cover 250 acres of mountainside with snow five feet deep.

Their policy is to start laying artificial snow as soon as frosty weather arrives in the autumn, so that it lies deep on the pistes by the Christmas holiday rush.

Then if there is a good natural snowfall as in New England this year, that is icing on the cake - and if not, as in parts of the Rockies, the artificial snow can save the season.

While Snomax was being developed during the 1980s, there was considerable environmental concern at the prospect of spraying billions of bacteria around ski resorts.

But extensive testing has assured regulatory authorities in all countries with extensive ski areas - in Europe, Japan, Australia and New Zealand as well as North America - that Snomax is safe.

Genetec points out that *Pseudomonas syringae* is a harmless natural microbe that occurs very widely throughout the world. It is not a product of genetic engineering.

The main environmental issue now concerns the impact on water resources of extracting millions of gallons for making artificial snow.

And Snomax can help here by enabling ski areas to produce more snow per gallon

Many ski areas have invested heavily in snow-making equipment, for which a key ingredient is a biotech product called Snomax

of water pumped. However Snomax may be less suitable for making snow indoors, in the new generation of gigantic refrigerated recreation areas that go by names such as Snowdome and World of Snow. Their equipment uses pure water without added nucleating agents. Malcolm Chulow, managing director of Acer Snomex, a UK consultancy specialising in indoor snow-making, agrees that Snomax works well outdoors, but says: "we have tested it [indoors] and it seems to give off something of a decaying vegetable smell after a while."

Acer Snomex (which is partly owned by Welsh Water) has developed an indoor snow gun that fires tiny particles of ice. But the company says its main technological advantage is the "thermal energy store" which forms an "artificial glacier" beneath the snow with a base temperature between -10°C and -25°C.

This vast cold store maintains and restructures the snow particles so that they remain in good condition for skiing, and new snow does not need to be made more than once a week.

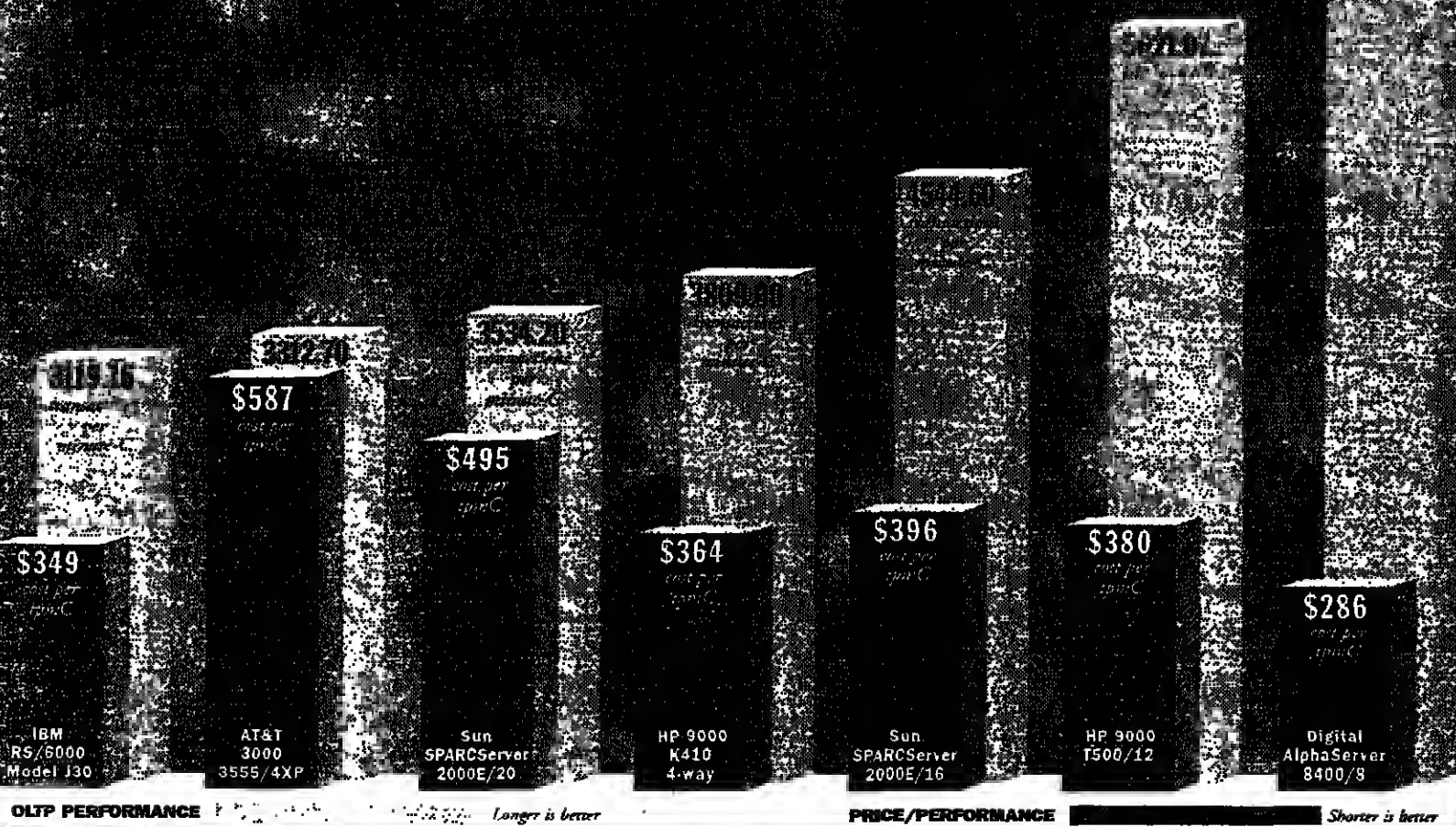
The first European development by Acer Snomex will be the Dublin Leisure Dome. Construction is due to start next year. Acer is also helping to construct indoor ski centres in Asia.

But Europe's pioneering indoor ski area with "real snow" - in the sense of ice particles, rather than the brushed nylon of "dry slopes" - is the Tamworth Snowdome, opened by First Leisure in Staffordshire last year.

Unlike Acer Snomex, which is open about its technology, First Leisure refuses to disclose any information about how it makes its snow, beyond saying that it is produced on site without a snow gun.

Competitors believe that the Snowdome uses a large refrigerator to produce ice which is then scraped or finely crushed and spread over the 150m slope.

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150 من الاصل



Who knows how hypnosis works in the movies? As if mimicking the snake charmer who appears in one of its early scenes, Jafar Panahi's *The White Balloon* put entire audiences at Cannes into a state of sway-necked trance. Their heads and minds bobbed in time with this flitting, teasing Iranian fairy tale in which a little girl in a big city loses, seeks and finally comes close to retrieving — we must not give the ending away — a valuable baobab.

Entrusted with it by her mother for a goldfish-buying expedition, she loses it first to the snake, then in the pet shop (she thinks), then down a grating. For 84 minutes we watch the pudgy-jawed, large-eyed face of Aida Mohammadkhani mutely mugging or flitting hesecching as she legs it through the streets and markets.

Was Cannes actually, clinically hypnotised? Since the film won the International Critics Prize and the Camera d'Or for best first film, and had an attitude of adoration lavished on it from nearly all quarters, it suggests that major mesmerism is going on.

That and the power of venerable role models. *The White Balloon* is, of course, *The Red Balloon* in another country with a different (but not that different) plot. As in the classic French children's film, there is the same sense of a quest raised from the mundane to the mythic, the same appeal to the child-in-all-of-us and the same mimetic minimalism in plot and dialogue.

Only instead of boy-chases-balloon we have girl-chases-500-toman-note. And we have a thousand critics insisting that this is a political fable about life under Islam. Screenwriter Abbas Kiarostami has indeed written (and directed) knottier, more tendentious fables: such as his *Through The Olive Trees* in which Iran is a film set filled with an allegorical bunch of mini-deserts and mini-belts, doomed artists and downtrodden women, amid the camels and olive trees.

But if *The White Balloon* works a spell, it is that of a well-crafted, sentimental universalism. We are captivated by the girl's quest in the same way that we would be caught up in the sight of a real child that had lost something in a real street. Only since we are being captivated via the movie medium, we think our response must owe something to deep allegorical meanings.

Panahi and Kiarostami do throw a few symbols our way, but they clutter awkwardly in an arena mostly bare of everything except a timeless neo-realism. The last image freezes on an Afghan boy, a balloon vendor whose late emergence in the story, helping the girl's search, may be intended to prompt larger thoughts about "disposition". We can also speculate about the symbolism of snakes (the forbidden?), fish (Christianity?) and even banknotes (overvalued tender in an underdeveloped society?).

Alternatively the film could mean no more and no less than what it is: a sweet-natured odyssey through primal emotions in the company of a heroine as blank, buoyant and casually bewitching as the title object.

If comedian Jim Carrey lost a banknote, we would all get down on hands and knees to look for it. It would



Enchanted by an Iranian fairy story: Aida Mohammadkhani in Jafar Panahi's 'The White Balloon'

Cinema/Nigel Andrews

## Mundane raised to the mythic

THE WHITE BALLOON  
Jafar Panahi

ACE VENTURA WHEN  
NATURE CALLS  
Steve Oedekerk

THE INDIAN IN THE  
CUPBOARD  
Frank Oz

HEAVY  
James Mangold

probably be worth \$20m, his current asking fee as a movie star.

How does he earn it? By risking physical injury. In *Ace Ventura When Nature Calls* he seems in permanent danger of dislocating his face. Mugging takes to this virtuosic peak deserves some award for bravery, followed by a spell of serious medical aftercare.

Playing the Hawaiian-shirted, stripe-trousered, quiff-haired pet detective we remember from *Ace Ventura*, Carrey cannot say "Good morning" without turning it into an facial-linguistic assault course. Jaw juts leftwards, eyes swivel rightwards, eyebrows dance like knitting needles, cheeks ironing dimple, adam's apple bobs. And the voice swells gradually, with an elaborate insane momentum, as if through opening vocal floodgates.

Carrey is part decorated child, part non-stop rickety-talker. Here he falls into Africa for a plot about warring tribes, Great White Bats, and silly Britons (Ian McKellen, Simon Callow) holding up the last outposts of post-imperial influence. But the plot, of course, comes in a crate marked "I.O." for instant obsolescence. It is no more than an opportunity for Carrey to go serially berserk as he is

chased by elephants, blow-darted by grass-skirted natives or railed at in a language even more incomprehensible than his own. Subtlety is unknown and unheard of. Political correctness went thataway. And it is quite funny if you can spare the time and indulgence.

Actually political correctness went thisaway, stampeding from the Carrey set into *The Indian In The Cupboard*. Somewhere in the US, seven-year-old Omar (Hal Scardino) is given the tiny toy figure of a Native American which he places in another birthday present, a portable lock-up cup-

board. When he unlocks it, guess what? The Indigenous Plainsperson (Litafoot) has come alive. And soon, so have other toys placed there for the duration of one magical key-turn.

Before long the autochthonous new-worlder has a new pal in a toy gun-fighter who turns into a real quick-draw paleface (David Keith). They scrap and exchange fire, but finally — with the boy's help — they make up and vow harmony. The gunman has learned racial tolerance. The boy has learned to use his magic responsibly. And the Aboriginal Occidental has escaped from the closet of an oppressed community mind-set.

Is the film as preachy as it sounds? Yes. And someone should have locked composer Randy Edelman in a cupboard, for his syrupy-repetitive score, and thrown away the key. (The strain again — and again, and again). Consolations are the fine Tom Thumb special effects, courtesy of Industrial Light and Magic, and David Keith's very merry turn as the redecked cowpoke.

James Mangold's *Heavy* is the tale of a bovine young pizza chef (Pruitt Taylor Vince) who falls, hopelessly, for a pretty, passing-through waitress (Liv Ullmann). The restaurant's head waitress is a blowsy-looking Deborah

Harry and the chef's Ma is an enormous-looking Shelley Long, with a dicky heart and dialogue to match. "I have to keep pressure on my saliva glands" is one of her more exciting lines.

Over two hours we learn a lot about unrequited love and a little, though it seems a lot, about the psychological burden of being fat.

This is one of those films in which after 20 minutes you say "When will it begin?" and after 80 minutes you say "Why hasn't it ended?" In between you wonder why the writer-director didn't think up more plot-topplings to add flavour and piquancy; whether characters who wilfully doom themselves to self-rejection deserve our interest and sympathy; and whether even a bereaved son would take quite so long — hours? days? weeks? — to clear his Ma's last breakfast.

In this all-family season the best films are *Babe*, the tale of a talking pig, *The Santa Clause*, a Disney comedy-fantasy with reasonably low sugar content, and *A Close Shave*, the latest Wallace and Gromit delight from animator Nick Park. It shows at the ICA with a programme of other same-studio shorts. Rush now for a happy Christmas.

nervy Ewen Bremner as Mark. But Paul Ireland brings a different quality to the character, making him more knowing and more likeable. Peter Ireland too is compelling as the sad, suggestive Tommy, the one who ends up with the full force of hopeless dependency and HIV. And Gavin Marshall is horribly good as the bully-boy brute, Franco.

There is a danger, which this production hovers just the right side of, that once it loses the raw desperation and initial shock value, it could become too fashionable and slick for its own good. But, for the moment, despite all its verve and spunk, *Trainspotting* remains a grim voice from our times bemoaning the needless waste of young lives.

Continues to January 27 at the Ambassadors Theatre, London (0171-836 6111), then on tour.

## Seurat saved for Britain

The French pointillist artist Georges Seurat's painting "The Channel of Gravel" will now stay safely ensconced in the National Gallery, thanks to the Heritage Lottery Fund. The fund announced yesterday that it was contributing £25m to the £16m cost of the painting. The National Gallery is finding the remainder from donations and from its shop profits.

The price makes it the most expensive painting ever to change hands in the UK. It was owned by the American collector-dealer, Heinz Berggruen and has been on loan to the gallery for four years. Berggruen has agreed to payment over three years and has also given the gallery seven oil studies, thus ensuring that it possesses a major holding of one of the most important and least productive 19th century French artists. Seurat died young, and no comparable work is ever likely to appear on the market; hence the price.

The fund's decision to help acquire the Seurat will be warmly welcomed in the art world. To date relatively little of its lottery revenue has gone to keeping works of art in the UK. Instead it has concentrated its awards on landscape and buildings, in particular museums.

The fund's other major contribution yesterday was £6m towards a £12.1m project to transform the old Geological Museum, inside London's Natural History Museum, into

new galleries focusing on the power of natural processes and mankind's relationship with the earth.

Another London museum to benefit was the Geoffrey Museum in Hackney, which received £3.75m of the £5.3m cost towards an extension to the 18th century almshouses, a popular haven in east London crammed with furniture re-creating domestic interiors.

In all, £25m was distributed to 34 beneficiaries. Surrey History Society in Woking got £272,360; the National Trust Stowe Farm in Stowe Park; the HMS Trincomalee project in Cleveland, designed to preserve this 1817 ship in Hartlepool; £275,000; Chelsea Physic Garden, £100,000; Broseley Pipeworks, Shropshire; the last clay smoking pipe manufacturers in the UK and part of Ironbridge Gorge Museum, £250,000; and the New River Walk in Islington £175,000, to ensure that this old river channel flows freely.

After an upset of its first distribution in March, when the £13.2m given to secure the Churchill archive was badly received by press and public, the Heritage Lottery Fund has tread carefully and avoided controversy. So far it has only spent £26m of its £270m revenue as a lottery beneficiary. But it is considering some mammoth bids, not least from the Royal Albert Hall, the National Maritime Museum and the British Museum.

Antony Thorncroft

Musical/Ian Shuttleworth

## South Pacific

A few years ago, it was impossible to move round London in December without coming across a pantomime sponsored by Cadbury's. This year the main Christmas presence seems to be director Phil Willmott; he is at the helm of *Treasure Island* at the Mermaid, sinking his teeth into *Dracula* in Battersea and commander-in-chief of the Drill Hall seasonal Rodgers & Hammerstein operation.

The city's main gay performance venue is aiming for crossover appeal: this Christmas, with the consequence that *South Pacific* is not as thunderously camp as expected. True, one complete *I'm Gonna Wash That Man Right Out Of My Hair* is relocated to one of the male troops, and a drag chorus line later appears complete with the base commander as the Statue of Liberty but in general the temptation to go for an all-out Village People style staging of *There Is Nothing Like A Dame* has been resisted.

What remains is a cheap and mostly visual presentation, with primary musical strengths in the form of Patti Boulaye and Peter Polycarpou. Boulaye plays the island buck-star Blood Mary with sly Welsh, but at times her voice is a touch too powerful. Polycarpou, as planter Emile de Becque, shows greater vocal control (as befits a former Lloyd Webber Phantom), delivering *Some Enchanted Evening* almost in an undertone. Christopher Howard is likewise on top of his role as Lieutenant

Joe Cable, and Joanne Maddison makes a good but not great professional debut as Nellie Forbush.

Realising that high-gloss production values are out of their reach, Willmott and his cohorts have tried to make a virtue of necessity. Liz Putland's scaffolding-and-drapes set is functional rather than ravishing and choreographer Jack Gunn opts for the illusion of spontaneous exuberance by individuals instead of tightly drilled uniformity.

The most ill-advised element of the production, however, is Willmott's attempt to cast shadows of "ugliness and racism... the real war in the Pacific" over a straightforward 1949 Broadway musical. Interpreted voice-over passages aim to set the island action in the context of the war as a whole, but are at best unnecessary and at worst prone to rash oversimplification; the claim that Hiroshima "marked the end of the war for the Japanese" might be disputed, not least by the citizens of Nagasaki.

Rodgers & Hammerstein shows are not really the most fertile grounds for socio-historical revisionism. Luckily there is not enough of these touches to unbalance the production, which, by and large, does a solid if unspectacular job. Besides which, the prospect of large numbers of grannies visiting the Drill Hall is an implausibly delicious one.

At the Drill Hall Arts Centre, London WC1, until January 20 (0171 637 8270).

Theatre/Sarah Hemming

## Grim wit in a drug wasteland

It may be the least seasonal of the current openings — unless you count a generous description of cold turkey — but *Trainspotting*'s arrival in the West End is certainly an event.

Irvine Welsh's cult novel about young heroin addicts in Edinburgh has now become a cult theatre piece (this is the second version to play in London this year) and is shortly to become a cult film. And you cannot help but admire a show that packs the former West End home of *The Mousetrap* with a young, eager, club-going audience and proceeds to place centre stage one of the greatest scourges of their generation: drug addiction.

What is even more impressive is that it manages to avoid either glamorising the subject or preaching about it: funny, filthy and furious, it strikes a clever balance that both appeals and appals. It is certainly not

a cosy watch. Anyone uncertain about their staying power should be warned off by the opening scene, in which Mark, our guide to the evening, bursts onto stage with a four letter expletive and recounts a stomach-churning tale of his efforts to dispose of a set of revolting bedclothes without alerting his boss's parents.

From there he hunkers us on a tour charting the highs and lows of the junkie existence in sordid and graphic detail. We witness shooting up, cut throat and violence, and enjoy a detailed description of Mark's search for opium substitutes in an overflowing toilet.

You would be hard pushed to

describe Harry Gibson's adaptation as a play; rather it is a series of unrelated episodes that constantly reminds us of the piece's origin between hard covers. Like the novel, the splintered, rollercoaster style is more appropriate to the culture and life it speaks for. And it preserves Welsh's brilliant, vigorous, disgusting language, which bruises the air with its endless expletives.

But while even the most degrading episodes are spiced with grim wit — "we called him the Mother Superior because of the length of time he'd had his habit" — Welsh avoids glamorising. Other writers might try to convey the drug-altered mind, Welsh is more

concerned with the drug-stunted psyche and the drug-ruined body. We hear a bit of philosophy about the beauty of heroin and a brief description of the thrill of a hit from Mark, but far more compelling is the constant reminder of curdled energy, debilitated lives and unpleasantly shocked bodies. There is no mistaking Welsh's anger about the waste of life.

Harry Gibson's new production is sharp, punchy and switches from comedy to bleakness in a second. It is not as raw and dangerous as Ian Brown's original production seen at the Bush, which benefited from the studio space by being far too close for comfort. One misses too the pale,

## INTERNATIONAL ARTS GUIDE

### AMSTERDAM

#### CONCERT

Concertgebouw  
Tel: 31-20-5730573  
● Nieuw Sinfonietta Amsterdam, with conductor Lev Markiz, pianist Boris Berman and clarinetist Frank van den Brink perform works by Prokofiev, Hindemith and Beethoven; 8.15pm; Dec 27

### ATHENS

#### CONCERT

Athens Concert Hall  
Tel: 30-1-7282333  
● BBC Symphony Orchestra, with conductor Dimitris Agrafiotis perform works by Rossini, Verdi, Puccini, Strauss and Mascagni; 8.30pm; Dec 27

### BERLIN

#### CONCERT

Kornische Oper Tel: 49-30-202600  
● Weihnachtskonzert performed by the Kammerorchester der Kornische Oper, conducted by Reinhard Goebel, the Chor des Kinderstudios

and Chorsolisten der Kornischen Oper. Soloists include mezzo-soprano Ursula Hesse, tenor Ilya Lewinsky and baritone Alexander Marco-Buhmester. The programme includes works by Veracini, J.S. Bach and Telemann; 7pm; Dec 23

#### Konzerthaus

Tel: 49-30-203092/00/01  
● Weihnachts-Oratorium (Part 1, 2, 3); by J.S. Bach. Performed by the Kammerphilharmonie und Chor des Mitteldeutschen Rundfunks, conducted by Enoch zu Guttenberg. Soloists include soprano Annegeer Stumpphus, alto Marga Schliml, tenor Ludwig van Gijsegem and bass Andreas Scheiner; 4pm; Dec 22  
● Philharmonie & Kammermusiksaal Tel: 49-30-254890  
● Symphony No.9; by Beethoven. Performed by the Berliner Symphoniker and the Tokyo Oratorio Society Choir, conducted by Alun Francis. Soloists include A. Hargrison, K. Borris, C. Bieber and R. Hagen; 8pm; Dec 23

### COLOGNE

#### CONCERT

Kölner Philharmonie  
Tel: 49-221-2040820  
● Deutsche Kammerphilharmonie Bremen; with conductor Jan Willem de Vriend and pianist Melvyn Tan perform works by Handel, Mozart, C.P.E. Bach and J.S. Bach; 8pm; Dec 25

### FRANKFURT

#### OPERA & OPERETTA

Städtische Bühnen - Oper, Ballett, Theater Tel: 49-69-2123744

● La Traviata; by Verdi. Conducted by Guido Johannes Rumsdahl and performed by the Oper Frankfurt. Soloists include Alexandrina Pendatchanska, Ilse Gramatzki, Elsie Maurer and Luca Lombardo; 7.30pm; Dec 25 (3pm); Dec 27, 30

### HAMBURG

#### CONCERT

Musiktheater Tel: 49-40-346920  
● Hamburger Symphoniker; with conductor/violinist Stefan Czernack and trumpeter Ilie Muntean perform works by Corelli, Handel, Vivaldi and Mozart; 7pm; Dec 25

### HELSINKI

#### DANCE

Opera House Tel: 358-0-403021  
● The Nutcracker: a choreography by Rudolf Nureyev after Petipa to music by Tchaikovsky, performed by the Finnish National Ballet; 7pm; Dec 22, 27, 28

### LONDON

#### CONCERT

Royal Albert Hall  
Tel: 44-171-5823861  
● Messiah; by Handel. Performed by the Philharmonia Orchestra and the Goldsmiths Choral Union, conducted by Brian Wright. Soloists include soprano Catrin Wyn-Davies, mezzo-soprano Rebecca De Pont Davies, tenor Adrian Thompson and baritone Peter Sidhom; 7.30pm; Dec 23

### DANCE

Royal Opera House - Covent Garden Tel: 44-171-3044000  
● The Royal Ballet perform the

choreographies "Peter and the Wolf" by Matthew Hart and "Tales of Beatrix Potter" by Frederick Ashton; 12noon; Dec 22, 29 (2pm), 30

### JAZZ & BLUES

Barbican Hall Tel: 44-171-6388891  
● The Glenn Miller Orchestra; with conductor John Watson perform works by Glenn Miller. Featuring special guests Tony Marsell, Jan Messeder, The Memphis Serenaders and The Uptown Hall Gang; 7.30pm; Dec 27

### MADRID

#### EXHIBITION

Museo Nacional Centro de Arte Reina Sofia Tel: 34-1-4675062  
● Salome. Un Mito Contemporaneo: exhibition devoted to the way artists have been inspired by the mythological Salome, specially in the period between 1870 and 1920. The display includes paintings, drawings, prints, sculptures and photographs; to Jan 2

### MUNICH

#### OPERA & OPERETTA

Nationaltheater  
Tel: 49-89-21851820  
● Anna Bolena; by Donizetti. Conducted by Fabio Luisi and performed by the Bayerische Staatsoper. Soloists include Roberto Scandiuzzi, Mariana Nicolesco and Vessellina Kasarova; 7pm; Dec 22

### NEW YORK

#### CONCERT

Avery Fisher Hall  
Tel: 1-212-875-5030  
● Holiday Brass; members of the

New York Philharmonic Brass and The Canadian Brass perform works by Gabrieli, Monteverdi, Shostakovich, Dederick, Anderson, Kenton and Handel; 3pm & 8pm; Dec 23

### EXHIBITION

The Studio Museum in Harlem Tel: 1-212-864-4500  
● Jean Michel Basquiat: The Blue Ribbon Paintings: this exhibition focuses on a series of 11 paintings produced by Basquiat in 1984. In these paintings, which were the first he created in Andy Warhol's studio, Basquiat combined the techniques of silk-screen printing and direct painting; to Dec 31  
● OPERA & OPERETTA, Metropolitan Opera House Tel: 1-212-362-6000  
● La Bohème; by Puccini. Conducted by Carlo Rizzi and performed by the Metropolitan Opera. Soloists include Hei-Kyung Hong, Diana Soviero and Marcello Giordani; 8pm; Dec 22

### PARIS

#### CONCERT

Salle Pleyel Tel: 33-1 45 61 53 00  
● Nutcracker; by Tchaikovsky. Performed by the Orchestre Philharmonique de Radio France and the Maitrise de Radio France, conducted by Aldo Ceccato; 8pm; Dec 23

### PRAGUE

#### OPERA & OPERETTA

National Theatre  
Tel: 42-2-24912673  
● The Bartered Bride; by Smetana.

Performed by the National Opera Prague; 7pm; Dec 22

### STOCKHOLM

#### OPERA & OPERETTA

Kungliga Teatern - Royal Swedish Opera House Tel: 46-8-7914300  
● Madama Butterfly; by Puccini. Conducted by Muhai Tang and performed by the Royal Swedish Opera. Soloists include Sara Olsson and Noriko Ogawa-Yatake; 7.30pm; Dec 27

### STUTTGART

#### OPERA & OPERETTA

Staatstheater Stuttgart  
Tel: 49-711-221795  
● Hänsel und Gretel; by Humperdinck. Conducted by Michael Boder and performed by the Oper Stuttgart; 7.30pm; Dec 23, 26 (5pm), 28

### VIENNA

#### OPERA & OPERETTA

Wiener Volksoper  
Tel: 43-1-514442860  
● Carmen; by Bizet. Conducted by Bertrand de Billy and performed by the Wiener Volksoper; 7pm; Dec 22, 26

### ZURICH

#### CONCERT

Tonhalle Tel: 41-1-2063434  
● Weihnachtsoratorium (Part 1, 2, 3); by J.S. Bach. Performed by the Tonhalle-Orchester with conductor Willi Gohl, Audite Nova, Cantemus Bern and the Singkrets Zürich; 3pm; Dec 23

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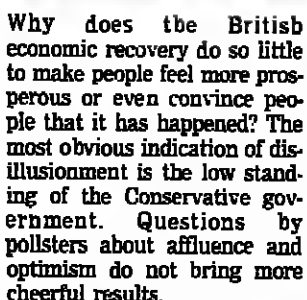


## COMMENT &amp; ANALYSIS

Economic Viewpoint • Samuel Brittan

## Not much to trickle down

With incomes rising, why do the British feel so gloomy? The explanation may lie in new statistics on wages. Even these figures will improve, but too late for the Tories



Why does the British economic recovery do so little to make people feel more prosperous or even convince people that it has happened? The most obvious indication of disillusionment is the low standing of the Conservative government. Questions by pollsters about affluence and optimism do not bring more cheerful results.

The depressed state of the housing market is beginning to wear thin as a complete explanation. The number of people who cannot move house because of negative equity is limited. Moreover, those who have lost from the housing slump are beginning now to be balanced by new households which can buy property more cheaply and service their loans with less strain on their incomes, thanks to lower property prices and lower interest rates.

At this stage it is usual to fall back on explanations about greater job insecurity and the diminishing number of careers for life said to be open to people. This is different from the bare facts of employment and unemployment, which are more favourable than in the corresponding period of the last recovery. These worries are by their nature extremely difficult to quantify, as they relate mainly to subjective probabilities about future events.

That is not a reason for rejecting them. But it is a reason for looking to see if there is something more tangible which can go some way to explain the prevailing mood.

The best statistical approximation to living standards is provided by a series known as "real personal disposable income at constant prices". This allows for both tax and inflation and includes cash welfare benefits such as pensions or income support; but it excludes benefits in kind such as health and education, benefits which Harold Wilson, the former Labour prime minister, used to call the "social wage". The annual UK National

Accounts (the "blue book") published by the Central Statistical Office, gives the rate of change of real personal disposable income between any two years expressed as an annual rate. Over the long period, 1952 to 1994, its rate of growth was 2.8 per cent per annum. This same rate was also achieved over the last decade, 1984 to 1994. If we take off a little for population growth we have a trend rate of increase of 2½ per cent per person per annum, enough to double the standard of living in around 30 years.

Yet there has not been one year under John Major when total personal income has grown at this trend rate. The average for the five years to 1994 was 1.3 per cent. Thus either the recovery has not been vigorous enough, or much of it has been syphoned off into profits and a higher tax-take. These latter changes may have been necessary for long-term health, but can hardly make the ordinary citizen jump for joy.

Need we look further for an explanation of government unpopularity? Yes we do. To begin with, there is far from a perfect relationship between measured living standards and election results.

In the "never had it so good" years of the 1950s, Eden and Macmillan won elections at periods of above average

increases in real personal incomes. But in 1964 the Conservatives were defeated by Labour, led by Harold Wilson with the slogan of "13 wasted years" – even though real incomes had been rising by more than 4 per cent per annum.

Heath lost in 1974 despite rapid rises in real income. The three-day week and miners' strike made more impression. In 1979 James Callaghan lost to Margaret Thatcher after a year of record real income growth (which was connected with the collapse of Labour's pay restraint). The "winter of discontent" proved more important.

Most surprising of all, Thatcher increased her majority in 1983 after a parliament of well below trend increases in personal incomes. Of recent elections, only the one in 1987, when the Thatcher-Lawson team won after a parliament of good income growth, fits the neat prosperity-victory formula. The 1992 election was, like its winner, John Major, mixed. There was negligible growth in personal incomes in the year up to the election when the economy was entering recession, but well up to average growth over a longer five-year period.

At this point a further complication enters. The National Institute of Economic and Social Research has intro-

duced another series, which is the annual growth in real disposable wages and salaries only. It leaves out dividends, rents and small business incomes and also cash benefits.

As the chart shows, for most of the last few decades there has been little difference between the conventional series of real personal disposable income and the National Institute's series that concentrates on wages and salaries alone. Moreover, such discrepancies that did occur were well away from election periods. But as the marked area in the chart shows, the two series have diverged in recent years.

The growth of the conventional personal disposable series since 1982 has been below the long-term trend, but not nearly had enough to account for the disastrous performance by the Conservatives in by-elections and polls. Yet, if we turn to the other series for wages and salaries alone, marked by the black line, the picture is very different. They have hardly risen at all, squeezed by a rising tax-take and low pay and job growth. Thus the behaviour of real pay after tax makes government performance unsurprising.

But is there light at the end of the tunnel? The National Institute predicts a good

recovery in real post-tax wages and salaries in 1996 and the first half of 1997. This will not quite reach earlier trend levels but will be respectable enough. On a strictly economic view of the business cycle, the prospect seems good enough to narrow the gulf between the political parties, but not nearly good enough to eliminate the large Labour lead.

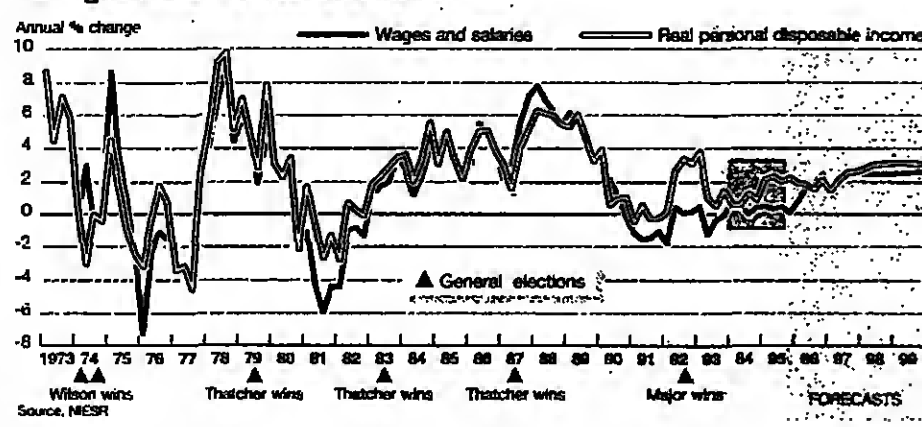
This even partially reassuring outlook depends however on mainstream forecasts being roughly right. It is notable however that the dissidents from the consensus are nearly all on the pessimistic side.

One of the most interesting non-consensus forecasts is by Peter Warburton of Robert Fleming. He points out that the official estimated real gross domestic product growth rates between the first and second halves of 1995 is 1.7 per cent at an annualised rate. Yet the official forecasts expect a reacceleration in 1996 to 3.2 per cent growth without giving compelling reasons.

A crucial element is the outlook for world growth and trade. International organisations, such as the OECD, make mild downward adjustments, but insist that the recovery is on course despite the difficulties reported by country after country.

Recent actions by the Bundesbank and the Fed, which emboldened the British to reduce interest rates as well, have shown that national authorities do not base monetary policy only on inflation and have moved some way towards behaving as if they were operating on nominal demand. Their actions may even be enough to promote normal world growth in 1996 – always provided they are prepared to move swiftly again in either direction. But the likely trickle through to the British consumer hardly looks like being enough to overcome the more deep-seated factors making for pessimism or the simple political reaction that it is now time for a change.

## Living standards and elections



## LETTERS TO THE EDITOR

Number One Southwark Bridge, London SE1 9HL

We are keen to encourage letters from readers around the world. Letters may be faxed to +44 (0)171 773 5338 (please set fax to 'line'), e-mail: letters.edition@ft.com. Translation may be available for letters written in the main international languages.

## Central bank drawbacks realised

From Mr Gerald Holtham.

Sir, Terry Hall's report "Push and pull of NZ policy" (December 19) was an object lesson in all the dangers of central bank independence. This fashionable nostrum has many drawbacks and it was fascinating to see them all displayed so clearly in recent New Zealand experience.

First, the Treasury and Reserve Bank pursued discordant policies, monetary policy being tightened as fiscal policy was eased. Second, giving the Reserve Bank a pure inflation target led the governor to take no responsibility for the effect of monetary policy – the most powerful macroeconomic instrument – on real output

and growth. Predictably this led to too tight monetary and too loose fiscal policy.

Third, that combination forced up the exchange rate and punished the traded-goods sector. Apparently exporters "formed an organisation to find ways of constraining inflation by means other than tightening monetary policy". One day they will rediscover the truth that all the instruments of policy should be co-ordinated in restraint of inflation rather than policy instruments being "assigned" to different targets and then, bizarrely, given to different institutions to control.

Finally, central bank independence is supposed to confer "credibility" on policy.

One of its benefits, one might suppose, would be low interest rates in relation to inflation, since the markets should expect future inflation to be low. Yet we are told the present level of New Zealand interest rates is "in real terms among the highest in the world". So much for the benefit of credibility.

A recent IPPR book, *Growth with Stability*, criticised the notion of an independent central bank, predicting all these problems. On reflection it was too kind.

Gerald Holtham, director, Institute for Public Policy Research, 30-32 Southampton Street, London WC2E 7RA, UK

## Nuclear-free zone should be supported

From Mr Frank Blackaby.

Sir, The Financial Times is one of the few papers to report that the south-east Asian states which are members of Asean have established the fifth nuclear weapon-free zone in the world ("Asean outlines ambitious vision of further regional co-operation", December 16). (The other zones are south America, Africa, the south Pacific and the Antarctic).

The parties to a nuclear weapon-free zone, not unreasonably, expect the declared nuclear weapon states

to give an undertaking that they will not use, or threaten to use, nuclear weapons against any of the states in such a zone. The undertaking is in the form of a protocol to the treaty.

The UK, which used not to favour the establishment of zones of this kind, has changed its view. In May of this year, at the Non-Proliferation Treaty conference, it acceded to a document which says: "The development of nuclear weapon-free zones... should be encouraged as a matter of priority... The co-operation of

all the nuclear weapon states and their respect and support for the relevant protocols is necessary for the maximum effectiveness of such nuclear weapon-free zones."

Britain should declare its support for the African and Asean zones, and indicate that it will sign and ratify the protocols. It will be in breach of a solemn undertaking if it fails to do this.

Frank Blackaby, 9 Fentiman Road, London SW8 1LD, UK

## Jump in Emu dark without prior detailed study

From Mr Adam Szarf.

Sir, It is true that the overwhelming majority of British businesspeople (and many ordinary people in Europe) do not understand the issues involved in the setting up of Emu (Letters, December 18). Hence, to my mind, the importance of the UK prime minister's initiative in proposing a detailed study of

its implications. Far from a delaying ploy, clarification of many issues involved is long overdue. It is essential to the understanding of what Emu is about and should be of interest to all concerned; to others even more than to the UK. This is because the UK, should it eventually decide to exercise its opt out right, would be in a position of

watching the operation of Emu in practice before deciding on empirical grounds whether it is worth joining or not.

For the other countries, joining Emu without John Major's study would be a jump into darkness.

Adam Szarf, 21 Av de la Renaissance, 1040 Brussels, Belgium

## CONTRACTS &amp; TENDERS

## KINGDOM OF THE NETHERLANDS



## Announcement

On January 1, 1996, the Minister of Transport, Public Works and Water Management of the Netherlands will start a public call for tender for the purpose of selecting licensees for the installation and operation of ERMES networks in the Netherlands, based on the Telecommunication Act. The Minister intends to grant three licenses; one licence to the royal PTT Nederland (KPN) and two licences to companies or consortia that will be selected through this tender procedure. Those who wish to acquire a licence for the installation of a ERMES network must apply for a licence by submitting an application that in any case includes a technical and commercial plan for the installation and operation of the proposed network.

## 1. Submission of the application

The tender procedure is described in a tender document. The application must be submitted in accordance with the requirement concerning structure and content, as described in the tender document, under payment of NLG 25,000,-. The closing date for submission of the application and the payment is 1 April 1996 at 2.00 P.M. local time. An applicant may submit only one application.

A bid will only be taken into consideration if:

- the tender document has been requested and NLG 500,- has been received;
- an application has been received which complies with the requirements according to the tender document;
- the application has been received not later than 1 April 1996, at 2.00 P.M. local time;
- a payment of NLG 25,000,- has been

received before 1 April 1996, at 2.00 P.M. local time.

## 2. Request for a tender document

A tender document will be sent only if a payment of NLG 500,- has been received. Written request for the tender document have to be forwarded to the following address:

The Minister of Transport, Public Works and Water Management  
attn. to P. van Dullemen, notary  
P.O. Box 11756  
2502 AT The Hague  
The Netherlands  
Fax: +31.70.347.74.94 or +31.70.347.67.19

## 3. Payments

All payments should be remitted to the account of:

bank account number 22.58.67.443  
Bank: F. van Lanschot bankiers N.V. The Hague  
The Netherlands, in favour of Notary  
P. van Dullemen, notary at The Hague

## 4. Duration of the licence

The licence is valid for a period of 10 years.

The Hague 21 December 1995

On behalf of the Minister of Transport, Public Works and Water Management  
Director, Telecommunications and Post Department

J.M.F. Diris

Ministry of Transport, Public Works and Water Management

Telecommunications and Post department

## LEADERS FOR A NEW MILLENNIUM

Vagit Alekperov • By John Thornhill and Robert Corzine

## Oil gusher with ambition

At a lavish dinner at the Landmark Hotel in London last month, two men held centre stage. One was Mr Haydar Aliyev, the elderly former KGB man, veteran member of the Soviet politburo and now president of oil-rich Azerbaijan. The other was Mr Vagit Alekperov, head of Lukoil, Russia's largest oil company.

In formal toasts, the two men – one in the place of honour at the top table, the other acting as host for the evening – vowed to work together to unlock the oil reserves of the Caspian Sea.

This is perhaps the world's last great under-exploited oil province and one that might someday rival the riches of the Gulf. Later, in impromptu huddles with western oil executives, they cut the deals to make that vision come true.

It is a dangerous game predicting anything in the murky world of Russian business. But it is a fair bet that Mr Alekperov will emerge as the country's most powerful oil industry executive by the next millennium – and play an influential role on the global energy stage too.

Indeed, the supremely self-assured 45-year-old Azeri would doubtless make such claims today. He sees an explosive future for Russia's biggest privatised oil company and has already begun to express his international ambitions. "If only we had begun in 1978 before things went to pieces in Russia," he says. "If we had, by now we would be the biggest oil company in the world."

Last year he stunned even hardened Wall Street bankers with his ambition, claiming that Lukoil would buy Exxon within 15 years. And just to show his promise was no unthinking act of hubris, a senior company director later revised the period to 10 years.

"Alekperov is a visionary," says Mr Craig Kennedy, the Moscow representative of Cambridge Energy Research Associates, a consultancy. "He has gone much further than any of the other oil industry generals in imagining the potential for a privatised company and laboured indefatigably to create the legal, political and financial framework to make it all happen. He is an empire builder."

Born in Baku, now the capital of independent Azerbaijan but then one of the Soviet Union's biggest oil towns, Mr Alekperov graduated from the local oil institute in 1974 and then shot through the industry ranks like a gusher.

Within 10 years he had become director-general of Kogalymneftegaz, one of the Soviet Union's biggest energy producers, which now forms an integral part of Lukoil. His name is still spoken with awe in remote Siberian oil towns for his work in developing the region. In 1990 he moved to Moscow to become the youngest-ever deputy energy minister.

Combining an easy intelligence with a ferocious dynamism, Mr Alekperov helped



'If we had begun before things went to pieces in Russia we would be the biggest in the world'

restructure the country's oil industry when Russia hunched towards a market economy in the late 1980s. After sketching out the creation of several new oil companies, he then jumped to head Lukoil, the one thought to have the most promising assets.

Under Mr Alekperov's direction, Lukoil has proved to be the most aggressive and commercially minded of the new generation of oil companies. It has shown a degree of managerial sophistication in striking contrast to its slower-moving rivals.

It hired McKinsey, the international management consultants, to help restructure its operations; and CS First Boston, the investment bank, to advise on tapping international capital markets. Earlier this year Atlantic Richfield, Los Angeles-based integrated oil group, took a 6 per cent stake in the company.

Lukoil is also developing plans to diversify into north Africa and central Asia, and aims soon to have 30 per cent of its reserves outside Russia. There is speculation that it might even swap Russian oil for assets in the north Sea.

Nevertheless, the company has a colossal amount of work to do just to realise the potential of its estimated 14.6bn barrels of reserves, more – on paper at least – than Exxon, British Petroleum or Mobil.

Western oil executives say Lukoil is in a league of its own among Russian oil companies, with technical skills on a par with its international counterparts. But critics claim that many of its 77,000 workers in

Russia remain steeped in inefficient Soviet-era working practices.

Normally a calm and softly spoken man, Mr Alekperov is renowned for occasional flashes of anger, publicly upbraiding his rivals and colleagues for their supposed errors. Earlier this year he curtly corrected a deputy who had interrupted to offer some detailed information. "Just who is being interviewed right now?" he demanded. But he also inspires strong loyalty among his top management team.

His negotiating style can at times be abrasive. Stories circulate in the oil industry of how he and Mr John Browne, BP's chief executive, almost came to blows a few years ago over a proposed deal in Kazakhstan.

And, like any business leader operating in Russia, Mr Alekperov has had to show he is capable of handling himself in the rough-and-tumble capitalist world. Some domestic critics have accused him of amassing vast personal wealth from the privatisation of Lukoil. But Mr Alekperov strongly defends the process. "Every Russian got a piece of paper, a privatisation voucher, which gave him a share in Russia's property," he says. "Some people spent their vouchers on vodka, others on principle refused to use them and hung them on their walls. But some people invested their vouchers and saved money to buy more. If they bought Lukoil shares, they are now rich."

His political influence with the present Russian government is substantial. Western oil executives say he was instrumental in deflecting opposition from the Russian foreign ministry for a BP-led \$8bn project to develop three offshore fields in Azerbaijan – the largest international deal struck so far in the Caspian region.

Over the past few months Mr Alekperov has put Lukoil in a position to take part in most of the big energy deals now being considered in Azerbaijan and Kazakhstan. Some analysts suggest that the speed and scope of Lukoil's recent moves in the Caspian reflect Mr Alekperov's fears that Russia might one day soon return to communist rule. They predict that the Communist party's success in last weekend's parliamentary elections may give added impetus to the company's international drive. While emphasising that he believes in a mixed economy, Mr Gennady Zyuganov, the party leader, has said it may be necessary to re-nationalise some of Russia's strategic industries, including oil.

Such talk may not represent much of a threat at present given the weakness of parliament in Russia's constitution. But that would change if a Communist candidate won the all-important presidential elections in June next year. The next six months may therefore be decisive in determining whether Lukoil and Mr Alekperov realise their ambitions for the next millennium.

1520



## FINANCIAL TIMES

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Thursday December 21 1995

## Aiding Bosnia

The question confronting the more than 40 governments and 20 international agencies meeting in Brussels to discuss aid for Bosnia-Herzegovina is how to build the conditions for a sustainable peace. Unfortunately, it has no simple answer. Aid there must be. But it must be carefully designed and coordinated.

The brief history of Bosnia-Herzegovina as an independent state has been a tragic disaster: the war has reduced the population by about a million; 250,000 people have been killed; income per head has fallen by three-quarters, to \$500; the infrastructure has been virtually destroyed; and - on the ground, if not on paper - the country has been dismembered. In all this, the "international community" has been both negligent and incompetent. It must do better from now on if the war is not to restart once Nato forces are withdrawn.

As the World Bank has pointed out, 90 per cent of the population is now wholly or partly dependent on food aid; waterborne diseases are increasingly common; more than a third of the health infrastructure has been damaged or destroyed; almost two-thirds of the housing stock has been damaged or destroyed; industrial output fell by about 35 per cent between 1990 and 1994; about 70 per cent of electrical generating capacity is out of operation; and the telecommunications and transport infrastructure have been seriously damaged.

## Stable peace

Donors are being asked for a total of US\$5bn over three to four years. The aim of the Brussels conference is to come up with \$515m, to cover urgent reconstruction in the first three months of 1996. The case for assistance is indeed a strong one. But aid that entrenched the position of brutal warlords, went directly or indirectly into bank accounts abroad, did nothing for the expropriated, or cemented the economic partition of Bosnia-Herzegovina would be a crime - and a mistake.

A thoughtful paper on post-war reconstruction from the Sussex European Institute argues that reconstruction must be viewed as a strategy for achieving and sustaining a stable peace. What has

happened, it argues, in the Balkan tragedy, above all at its Bosnian epicentre, is an extreme version of the transition in all post-communist societies. In response, the authors recommend assistance that is aimed at the region as a whole; that encourages economic integration, both locally and with the outside world; and that pushes development from the bottom-up. More specifically, it recommends reconstruction of infrastructure; assistance to the development of a civil society, by promoting free media; and support for local productive initiatives.

## Open borders

These individual ideas are well worth pursuing. But two still bigger points emerge. The first is that political goals are intimately related to economic ones. The granting of assistance must, for example, be conditional on the way the authority in the area concerned treats all the people under its control. Use of external assistance to compensate those who have lost all they own is not just right, but a way of securing greater stability. Insistence on open borders is an essential part of both the economic and the political strategies.

The second point is that assistance, military operations and relations with both the European Union and the wider world must be carefully integrated. Each task must also be assigned to the institution best suited to it and, over everything, there should be a single co-ordinating authority. This means, for example, that the World Bank should co-ordinate economic assistance, while the European Union should use the carrot of access to its market to ensure economic liberalisation throughout the region.

There is just a brief window of opportunity in which to cement this peace. Now is not the time to be niggardly or to argue over burden sharing. But it is also not the time simply to pour resources into Bosnia. The strategy must start with the imperatives of economic reconstruction, as the world bank argues. But it cannot end there. The aim is peace. That can only be secured by assisting the development of internationally integrated economies and open societies.

## Going global in Japan

Honda Motor's announcement that it will next year make more cars overseas than in Japan is welcome proof of the internationalisation of Japan's motor industry. In 20 years, its car makers have developed a global network of plants. While Honda was not the first company to produce abroad, it is little surprise that it has become overseas output more rapidly than Toyota and Nissan, because its home sales were smaller. Making a virtue of necessity, Honda has led the way in developing overseas research and development centres and in high-profile marketing, such as grand prix racing.

While Japan is often accused of dragging its feet in developing contacts with the rest of the world, its progress in foreign direct investment has been remarkable. According to United Nations statistics, as recently as 1985 Japan's stock of foreign direct investment was only \$84bn, half the UK's. By the end of 1993, it had hit \$441bn, nearly double Britain's, and second only to the US total of \$655bn.

These investments have brought much-needed infusions of technology and innovative management techniques to host countries, not least the UK. Despite Japan's tradition of isolation, its companies have successfully revolutionised industrial organisation. In this, the car makers, Honda included, set the pace.

## Trade critics

This internationalisation has not always run smoothly. Japanese car companies were prodded into investment in the US and Europe by import restrictions and financial inducements. Early factories were not always designed to maximise production efficiency, but to placate trade critics. As a result, profits were low. However, the scale of later investments in developed countries - and increasingly in developing ones - indicates that these ventures are becoming more profitable.

That is welcome, not least because, despite the achievements of the past 20 years, Japan still has some way to go before its industry is as internationalised as the US's or even Germany's.

According to Japanese data, in 1992 just 9 per cent of Japanese companies' industrial output was overseas, less than half the figures for the US and Germany.

Japanese foreign direct investment is dominated by large companies such as Honda, Toyota, Sony and Matsushita: smaller ones have been slow to follow. More important, overseas investment is concentrated in those few industries in which Japan has a big competitive advantage - electronics, cars and machine tools.

## Profits squeeze

This reflects the strategy of narrowly focused export-led growth which Japanese authorities pursued so successfully after 1945. But in the 1990s growth has ground to a halt, with the economy in recession and exporters finally withering under pressure from the high yen. To survive, leading manufacturing companies are maintaining foreign investment, despite the profits squeeze at home. Their suppliers, and smaller companies, should see it increasingly in their own interest to follow suit.

Meanwhile, the Japanese economy would benefit from greater openness to foreign direct investment. Many inefficient industries - such as chemicals, textiles and pharmaceuticals - are protected from international competition by a host of informal barriers. Yet Japan's inward direct investment last year was half that of New Zealand. This is not only a constant source of friction with trade partners. It is economic folly. Japanese politicians should take a trip around Honda's foreign plants and see how much economic good a world-beating company can do. Other countries, not least in the West, which continue to restrict trade and manipulate inward investment also need to realise that they are doing themselves no favours. Although such action may sometimes have induced Japanese car makers to set up abroad, it severely handicaps their efficiency. All involved lose from such short-sighted policies. Car manufacturing is increasingly a global industry. To achieve its full potential, it needs a truly global market in which to compete.

## Big enough to make mistakes

GE's chairman tells Tony Jackson and Andrew Gowers that his \$70bn conglomerate has the capacity to 'take a swing at everything'

Mr Jack Welch, chairman of the giant US conglomerate General Electric, enjoys explaining himself. Last Thursday morning, he was in fine form, telling a crowd of press and television reporters why his own TV network, NBC, was setting up a joint venture with Microsoft. The logic seemed simple: put together NBC's news operation and Microsoft's software, and produce a 24-hour news channel for the multimedia age.

Later that day, in his corporate pied-à-terre in mid-town Manhattan, Mr Welch put the venture in a rather different context. Getting together with Microsoft, he said, had a bearing on GE's whole vast industrial empire.

According to Mr Welch - one of the most feared and revered executives in America - business is facing more change in the next decade than in the past century. Electronic communications are transforming the way people buy and distribute goods and services. Invoicing is now electronic. Warehousing and inventory management are becoming so.

"That's an enormous transition," he says. "We are grappling with it, studying it every day, having meetings. By ... being engaged in real-time activities with Microsoft, we hope we won't be just students of it, but active participants."

In other words, whatever NBC learns will be learnt by GE as a whole. This approach is fundamental. Mr Welch brandishes charts to show how he thought of GE in the 1980s, then in the 1990s. First, a collection of 12 businesses, ranging from domestic appliances to aero-engines; now, a single entity governed by a set of broad principles - globalisation, information technology, services and new products.

In part, the approach is forced on GE by its size. Its revenues this year will be close to \$70bn (\$45bn). Since the start of the year its market value has risen from \$87bn to a daunting \$120bn.

Size also lets Mr Welch shrug off mistakes, such as the \$1.2bn collapse of GE's stockbroking subsidiary Kidder Peabody last year. He describes such things, in a characteristic phrase, as "nit-shit". Kidder Peabody, he says, flunked an imagination test of his shoulder, was "a journalist's party, nothing more".

In a business as wide-ranging as GE, he concedes, glitches are bound to occur. Nor will every division fire on all cylinders all the time. "Stop saying 'Rolls-Royce or Siemens got an order instead of you', or asking whether we'll ship 50 turbines instead of 60 this year. Don't you worry about that. Just worry whether the total will give you double-digit earnings growth. If that doesn't happen, come see me."

GE's variety, he argues, is a source of stability in itself. "Once you get into number one or number two businesses [by market position] and you've got scale like we have, the chances of it all going wrong are minimal. A global recession in all businesses could slow us down. But we'd be less slowed down than 95.3 per cent of the institutions in the world."

It is the classic case for the conglomerate. As such, it is also deeply unfashionable. The age of conglomerate is supposed to be dead. This year has seen the planned break-up

of numerous giants of American industry from ITT to AT&T and Baxter International. Focus, we are told, is everything; and the company which tries to run various businesses will simply run them badly.

Why is GE different? One central reason lies in an awkward term which GE executives repeat like a mantra: "boundaryless" management. While tricky to define, this seems to boil down to a kind of intellectual openness: between individuals and divisions within GE, and between GE and the outside world.

"Boundaryless behaviour," Mr Welch says, "is a way of life here. People really do take ideas from A to B. And if you take an idea and share it, you are rewarded. In the old culture, if you had an idea, you'd keep it. Sharing it with someone else would have been stupid.

because the bureaucracy would have made him the hero, not you."

At the heart of this lies informality, GE, he says, is a \$70bn grocery store, where information and best practices get swapped around.

"Making a company informal is a very big deal. The informal company can communicate rapidly and make things happen rapidly. There isn't a hierarchy, because we took the layers out."

Informality addresses another problem of the conglomerate - how to share out resources. The rigid hierarchy, with what Mr Welch calls "stove-pipes" - isolated chains of command - finds it hard to choose which businesses to support.

"Here at head office, we don't go very deep into much of anything, but we have a smell of everything. Our job is capital allocation - intellectual and financial. Smell, feel, touch, listen, then allocate. Make

bets, with people and dollars. And make mistakes - but we're big enough to make mistakes. Once you have the critical mass and the momentum, you can take a swing at everything."

As an incentive to openness, GE pays its managers increasingly not in salary or bonus, but in shares. A dozen years ago, 280 GE employees were entitled to share options. The figure is now 23,000.

"Let's say your last bonus was \$150,000, then you had a great year. You might get 15 per cent more, so you'd take home maybe \$175,000. Say the stock went up 15 per cent. You might take home \$2m. So all you care about is the stock price. I can drive behaviour with this. If I make it important for you to share ideas, and reward you, you'll share ideas."

It is this sharing, he insists, which allows GE's performance to

improve despite the unforgiving nature of many of its markets. "I just reached 11 per cent operating margins after 100 years in single digits. This year I'm going through 14 per cent. Sure, they're tough businesses, but I'm getting my cost structure better."

And how is this done? "What you do is take on a job on an 8 per cent margin, and tell yourself you've got to get the margin to 30 per cent. You break out teams and they go at it. When you're the size we are, and you get focused on these things, the savings fall out in buckets. That's why we can grow earnings at \$1bn a year."

And, he claims, the process can go on indefinitely. "Who runs out of ideas? If you never had another idea, you might as well quit your job. Every day we wake up, there's another basket of opportunities. When you're a \$70bn company, you're doing so many things wrong that the amount available from improvement is literally infinite. Our improvements are getting greater with time, not diminishing."

For example, he says, take the airline industry. He flourishes some more charts. Analysis of failure rates in the industry suggests airlines lose about 30,000 bags per 1m handled. The fatality rate among passengers is nothing like as high. "So the same management can get you from A to B, but not your bags."

Similar analysis of GE, he says, suggests that failure rates are costing it about 15 per cent of revenues. "That's a \$70bn-\$100bn opportunity."

The final piece of the jigsaw concerns the allocation of people. At least a third of his time, he says, is taken up in career planning. He produces a thick binder with handwritten confidential files on individual managers. The pages are thick with histories, diagrams and notes of things done and not done, annotated in different colours.

"Tomorrow, I'll spend two hours with our board talking about the evolution of people. We do that twice a year." One wonders what GE executives - typically hard-driven and ambitious as they are - would give for a glimpse of the highly confidential files on individual managers. The pages are thick with histories, diagrams and notes of things done and not done, annotated in different colours.

The biggest job at GE, he owns, has been in the limelight lately. A fitness fanatic who has just turned 60, Mr Welch had a triple heart bypass operation in May. The result was a burst of speculation in the press about a race for the succession. That, he insists, is nonsense. GE has always had a succession plan. Once a year, he gives an envelope to the head of the compensation committee. It contains his thoughts on the succession, to which will be added those of the committee. What is in the latest envelope, of course, he is not saying.

In any case, he also insists, it is not an issue. He will remain until he is 65. He will then retire as he has promised. "We have plenty of able people who have stayed around to see what will happen. It would be morally wrong to stay."

As to his health: "This morning, I started on the treadmill at six o'clock and got off at seven. Then I came to work. And I was up last night till midnight in a meeting with Microsoft. I feel wonderful. I haven't felt this good in a decade."

## OBSERVER

## Free the Bank of Montreal

■ One of the banking world's oldest and best-known names may be about to change - courtesy of the bank's shareholders. The 178-year-old bank was becoming something of a liability.

The bank, Canada's third biggest financial institution, reckons that its market share in Quebec rose in the run-up to the vote. But the French-speaking province now makes up only about one tenth of its lending business. BMO's expansion is now directed mainly outside Canada, especially the US, where it already owns Harris Bankcorp, Chicago's third biggest bank. It's also seeking ways to tighten links with Mexico's Bancomer, including a possible equity investment.

BMO's affection for its home town has waned since separatists first took office in Quebec in the mid-70s, and almost all BMO's top executives now work out of Toronto. The bank used to alternate its annual meetings between Montreal and Toronto. But this year's AGM was held three times zones away from Vancouver, and shareholders will

gather next month in Calgary. A BMO official insists that no decision on a name change has been taken yet. "We're doing all sorts of awareness testing on all our names," she says. But the institution won't be shy, the hot favourite for a replacement is First Canadian Bank.

## Mistake hits Fan

■ An unusually public spat between Cathay Pacific, Hong Kong flag-carrier, and Citic Pacific, the mainland Chinese conglomerate, has highlighted the tensions in Hong Kong's highly profitable airline market.

Cathay and Citic are partners in Dragon Air, a fast-growing Chinese airline. But Citic got upset when Rod Eddington, Cathay's managing director, was quoted in a local newspaper as saying that there was a future for only one airline in Hong Kong in the long term. In fact he had qualified his statement by saying "substantial intercontinental" airline. Henry Fan, Citic's mild-mannered managing director, nearly burst a tyre on reading Eddington's comments. Citic is Dragon Air's biggest shareholder and Fan responded robustly to the unintended slur on his baby.

The two sides patched up their differences, but the row is a reminder of the potential fragility of the partnerships in Hong Kong's airline market. In fact Citic may

have more to fear from China National Aviation Corporation, the commercial arm of China's aviation regulator, than Cathay Pacific. Such is its irritation with CNAC that it has withdrawn from a plan to sell it a 10 per cent stake in Dragon Air.

## Spooked

■ In marked contrast to spooks in other parts of the world, the Irish secret service is living high off the hog. According to the budget estimates for 1996, the secret service provision is increased 33 per cent, more than any other government department. Local reports suggest the increase is to cover the retainers paid to an expanding cadre of police informants operating in Dublin's organised crime underworld. With Ireland taking on the presidency of the European Union in the second half of 1996, the government is obviously taking no chances.

## Bequest request

■ Chicago has discovered that art and commerce do mix, after all. City officials have counted up the revenues from the stream of tourists that visited a major exhibition of work by French Impressionist painter Claude Monet at the Art Institute of Chicago this summer, and found that Monet spells cash.

The Monet exhibit attracted nearly 1m visitors and contributed about \$38m to Chicago's economy. That beat the estimated \$240m drawn by last year's World Cup soccer events, and even tops the \$360m next year's Democratic Convention is expected to reap for local businesses. Local assemblies have now asked Chicago's Mayor Richard Daley to consider those figures before investing \$200m in a new stadium to placate the grumpy owners of the Chicago Bears football team. The same amount of money might buy a new wing for the Art Institute.

## Making waves

■ Who says print is going the way of the dodo? Internet, a UK magazine with a host of others to bring you the hottest news about surfing through the 'Net, makes much of its home page on the world wide web. Dialing into its latest top ten menu, one of overseas colleagues was promptly invited to "observe" on for more links from the October "issue". Forget it. The news stand at London's Paddington station is already selling the January edition of Internet.

Mind you, real surfers go one better, being able even now to brighten up those long days awaiting the perfect wave by purchasing the February issue of California-published *Surfer* magazine in London newsagents.

## Financial Times

## 100 years ago

**Railroad investment.** A Pacific Coast Railroad (presumably the San Francisco and San Joaquin Valley) has placed an order with English makers for ten thousand tons of steel rails. This is the first importation of any consequence for some time and is said to be a result of the advances made in the price of rails by American manufacturers during the last few months. President Gates of the Illinois Steel Company has stated that: "as long as the American manufacturer is paying the present scale of wages we cannot hope to compete with the English manufacturer at any port on the Gulf of Mexico or Pacific Coast unless our freight rate is under 10 per cent."

## 50 years ago

**UK and US coasts.** The Costa Rica Railway Company had to hire certain wagons to meet the needs of increased traffic, and found they could be bought more cheaply in the United States than in the country. "The matter not only has a bearing on the discussion of revenue during the session, but a wider relationship to the final question of export trade. The problem must be considered as part of export policy making."

هذه الاموال



Court clears payout to creditors of collapsed bank

## Mystery customers still hold \$220m with BCCI

By Jim Kelly, Accountancy Correspondent, in London

More than \$220m deposited with the Bank of Credit and Commerce International, which collapsed in 1991, has remained unclaimed by nearly 28,000 customers reluctant to come forward for their money.

There will be suspicion that the accounts, held at UK and European branches of the bank but often placed by nominees offshore, were being used for a range of illegal activities from tax evasion to money-laundering.

Mr Stephen Akers, one of the bank's liquidators at accountant Touche Ross, said: "We have noted the accounts and where [investigation] agencies have requested information we have provided what we can."

BCCI collapsed in 1991 with initial debts of \$14bn and massive fraud was later discovered. Yesterday a Luxembourg court cleared a settlement for 100,000

creditors who are likely to get an initial dividend of at least 30 per cent in the first half of next year.

However, 28,000 account holders have yet to come forward. It is understood that many of the accounts cannot be linked to individuals but only to nominees - often companies registered in countries such as Colombia and Panama and in the US state of Florida. Balanced against loans to the same customers there is a net \$30m unclaimed.

If the accounts remain unclaimed the final dividend paid to creditors will be enhanced. The liquidators of BCCI estimate the final dividend should fall between 30 and 40 per cent - plus proceeds from any legal actions, which could stretch the dividend to 50 per cent.

The liquidators have so far recovered \$3.3bn in assets and, through a complex series of agreements, have reduced the initial liabilities of the bank from \$14bn to a current level of \$10bn.

Yesterday's court ruling in Luxembourg, one of the three jurisdictions in which the bank was registered, cleared the way for a settlement based on a \$1.8bn contribution from the government of Abu Dhabi, BCCI's principal shareholder.

The settlement is the second put before the court and was being resisted by former employees of the bank who said it was unfair. Their objections have been dropped following a separate settlement.

Dr Adil Elias, chairman of the Depositors Protection Association, said: "Now we can celebrate Christmas."

The liquidators have been criticised for the level of their fees since the bank's collapse. It is understood the fees worldwide amount to \$300m - about 9 per cent of the assets recovered.

Touche Ross is likely to point out that they compare well with a "rule of thumb" of 10 per cent for insolvency fees.

## British scientists win race to isolate cancer gene

By Clive Cookson, Science Editor

Scientists at the Institute of Cancer Research in London have won the most competitive race in medical research this year - to isolate the second gene responsible for inherited breast cancer.

The team led by Dr Mike Stratton has beaten several US-based groups. Researchers at Myriad Genetics and the University of Utah, who identified the first breast cancer gene (BRCA1) last year, were widely regarded as favourites to find the second gene (BRCA2) too.

Defects in BRCA1 and BRCA2 are each thought to be responsible for 30-40 per cent of inherited breast cancer cases. This form of the disease, which runs in families and tends to occur in younger women, accounts for about 5 per cent of all breast cancer. It is responsible for many thousands of deaths a year worldwide.

Now that both genes have been isolated, scientists will quickly develop genetic tests that women with a family history of breast cancer can take to discover whether they are individually at risk. The lifetime risk of contracting breast cancer for someone with abnormal BRCA1 or BRCA2 is thought to be about 80 per cent.

In the longer run, the discovery will give pharmaceutical researchers vital information about the molecular mechanism by which cancer occurs. This will enable them to design more effective anti-cancer drugs and, possibly, find ways to switch off or repair the defective gene through "gene therapy".

Dr Stratton and some of his colleagues had been critical of the way Myriad Genetics, a biotechnology company funded by US pharmaceutical giant Eli Lilly, patented BRCA1 last year. They said scientific co-operation would be inhibited in future if an important gene, whose discovery was due to the shared results of researchers worldwide, became the private property of the company that won the last lap of the race.

But the UK Cancer Research Campaign, the charity that funds the Institute of Cancer Research, announced yesterday that it had filed patent applications for BRCA2 through its technology transfer company, CRC Technology. The scientific details are published today in the journal Nature.

Dr Stratton said that, in spite of his team's doubts about the principle of patenting human genes, he accepted CRC had to patent BRCA2 once Myriad had patented BRCA1. The rival teams will now have to work together to produce comprehensive tests for screening women at risk of breast cancer.

Growth treatment, Page 13

## Donors agree \$518m target for reconstruction in Bosnia

By Lionel Barber in Brussels

An international donors' conference for Bosnia yesterday set a target of \$518m to cover urgent reconstruction in the first three months of 1996.

The target is intended to be the first slice of an estimated \$5bn needed over three to four years to restore housing and basic communications and provide economic aid to secure a fragile peace.

The two-day conference in Brussels was attended by more than 40 countries and 20 international agencies under the joint chairmanship of the European Commission and World Bank.

Conference officials expressed guarded optimism about reaching the \$518m target which would allow work to go ahead on restoring water, gas and electricity, and to pay teachers and nurses.

The World Bank says about 70 per cent of electricity generating capacity is damaged or out of operation. Coal production has dropped to less than 10 per cent of its prewar level.

Before the war, the country had 375,000 telephone connections and 4,000 international lines - it now has 260,000 and 400, mostly in poor condition, according to the Bank.

Mr Hans van den Broek, EU commissioner for external relations, announced that the EU was pledging \$100m immediately, while the Bank is standing by with an initial \$100m.

Several key issues are unlikely to be resolved at the Brussels meeting.

Editorial Comment Page 11

Co-ordination. The Bank has a track record in postwar reconstruction, but is sharing responsibilities with the European Commission and other agencies eager to make their mark after the perceived failure of European diplomacy during the conflict.

Reconstruction must also dovetail with Nato's military operation to enforce the Dayton-Paris peace agreement between the Bosnian Muslims, Serbs and

Croats - which officially took over from the United Nations mission yesterday - and the civil operation led by Mr Carl Bildt, the former Swedish prime minister and international high-representative in Bosnia.

Burden-sharing. Europe is pushing for a split along the lines of one-third for the EU, one-third for the US and one-third for Japan, the Islamic nations and Asia. The US argues it is providing the lion's share of the Nato operation and is dispatching ground forces on a risky mission. Washington says its hands are virtually tied by a hostile Republican majority in Congress.

Conditionality. Questions remain about the conditionality underlying the aid effort, especially in dealing with the Bosnian Serbs, widely viewed as the aggressors.

More than 350,000 people were killed in the Bosnian war, more than 200,000 wounded and 13,000 permanently disabled. Bosnia lost almost half of its territory, chiefly to the Serbs, and almost one quarter of its population.

## Goldman

Continued from Page 1

be content with over a period of time". He said the group had worked to broaden the risks it took on its own account, and it had made it a priority to increase the significance to group earnings of its asset management business, from which earnings are less volatile. This could come through internal expansion or acquisition, he said.

## Polish crisis at spy claim

Continued from Page 1

organisers of this action." He said these came from Mr Walesa's camp. Later, Mr Oleksy was due to attend a meeting of parliament's security committee which had heard Mr Andrzej Milczanowski, the interior minister, outline the alleged contacts with foreign agents.

Mr Jozef Zych, speaker of parliament's lower chamber, who is

responsible for the presidential inauguration on Saturday, confirmed that the situation was "serious", but said that Mr Kwasniewski's swearing-in ceremony would go ahead as planned.

The crisis could bring about the fall of the government if the Polish Sejm party (PSL), the junior coalition partner, were to abandon Mr Oleksy's former communist Left Democratic Alliance.

## THE LEX COLUMN

## The sun almost rises

The Japanese government's long-awaited bailout of the country's housing loan companies looks at first glance like a major step towards resolving the bad debt crisis. The housing lenders were the ultimate basket cases, with over ¥7,000bn in non-performing loans. The main banks had a similar sum tied up in them and the deal paves the way for their orderly liquidation.

More importantly, the rescue lifted hopes that the taboo on using public funds to fill holes in banks' balance sheets has been finally lifted. ¥1,300bn of taxpayers' money will be made available to clear out the companies' bad debts, so it is not surprising bank shares led the way in another impressive stock market rally.

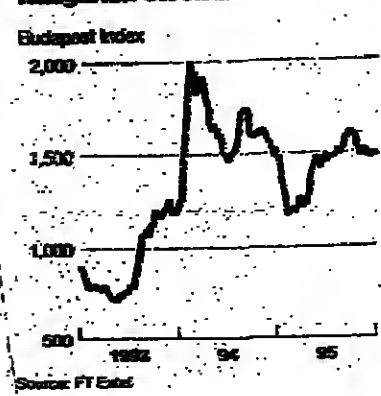
But does it really help the banks? The lopsided nature of the deal, under which the banks will write off more than two-thirds of their total loans to the mortgage lenders, while the agricultural co-operatives - the biggest creditors - will write off only 10 per cent of theirs, was about the worst possible outcome for the banks. All that public money has gone into the farmers' benevolent fund - not into the coffers of weak banks. Some of these will be brought close to the brink by the write-offs they will be forced to make. The deal looks more like a panicky political compromise than a triumph for level-headed financial management. With an election looming, the government knows there are more votes in farmers than in bankers. It will not resolve the real banking crisis.

### Hungary

The sale of a second slug of Matav, Hungary's national telecoms operator, saves face on both sides. Deutsche Telekom and Ameritech of the US, the buyers, have managed to block a notation of Matav. This might easily have produced a share price so low it would have forced them into a write-down of their original stake. But they are paying a hefty \$652m for another 37 per cent in a company over which they already in effect have management control. As for the Hungarian government, Matav was undoubtedly its preferred option and may still happen at a later date. Meanwhile it gets some cash and maintains the momentum of its privatisation programme. This is a vital part of the government's plans to reduce the country's crippling \$21bn net foreign debt burden. It is also important for perceptions of the coun-

FT-SE Eurotrack 200: 1569.7 (+13.4)

Magazine stock market



Source: FT Data

tal. The shareholders, then, bear the cost of any bets which go wrong - and similar schemes at other firms have gone spectacularly wrong in the past.

One justification is that such schemes tie executives to the company, since they lose the deal if they leave. But there are better ways of doing this, for example by offering shares which include a lock-up period. And some of the prime names on Wall Street, like Merrill Lynch and Morgan Stanley, manage to keep top performers without offering such leveraged schemes. As firms struggle to find new ways of attracting staff, investors should perhaps pay greater attention to remuneration policies in annual reports.

### Hanson

Hanson's £1.5bn disposals programme raises interesting comparisons with fellow conglomerate BTR. Both companies are following the big deal with a rush of disposals. But the big difference between the two thus far is that BTR has achieved clean disposals which improve earnings, while Hanson's disposals focus on the country's macro-economic problems and the poor liquidity of the Budapest stock market.

The reality, though, is that Hungary has already gone further than most. Following the sale of Matav and eight electricity and six gas distribution companies this year - largely to German and French trade buyers - over 80 per cent of the economy should be in private hands by the end of 1997.

### Remuneration

Heads of investment banks may have managed the financial markets successfully this year, but the theory of executive remuneration continues to defeat them. This year's bonus crop is a bumper one. This is not necessarily bad news, provided bonuses are tied to performance, linking shareholders' and employees' interests. But competition for top executives on Wall Street, as European banks bid up salaries, is making cost control even harder than usual.

Some schemes prevalent on Wall Street seem to offer greater benefits to managers than to shareholders. PaineWebber is one of a number of firms which leads money to executives to allow them to make highly leveraged bets on the market. Despite giving them leverage of four times their own investment, the executives are only exposed to the loss of their own cap-

Additional Lex comment on UK rail privatisation, Page 17



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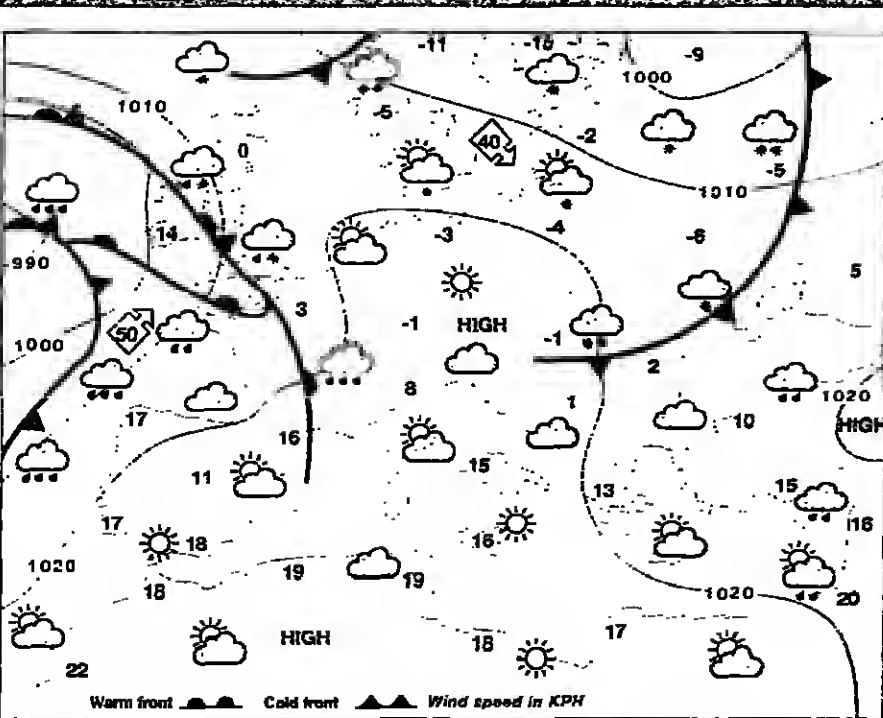
## WEATHER GUIDE

### Europe today

A frontal system over the Atlantic accompanied by a surge of mild air will move north-eastward, bringing cloud and rain to the British Isles, north-western France and Portugal. However, northern Ireland and northern England will have snow. Temperatures over much of the continent will be higher than in the past few days. The Benelux, Germany and Poland will have morning fog, while the Balkan states will be cloudy, with some snow in Romania and the former Yugoslavia. Southern and western Spain, southern France, Italy and Greece will remain dry and sunny, but Turkey will continue cloudy and wet. There will be snow along the Norwegian and Finnish coasts.

### Five-day forecast

Mild, humid air over south-western and western Europe will spread to central and eastern Europe on Friday and Saturday, bringing heavy rain or snow. From Sunday north-westerly winds will bring cold air and wintry showers to western Europe, and much of the region can expect a white Christmas. Northern Europe will remain very cold, and the Mediterranean area will become unsettled, with showers during the weekend.



Situation at 12 GMT. Temperatures: maximum for day. Forecasts by Meteo Consult of the Netherlands

### TODAY'S TEMPERATURES

Maximum	Minimum	Forecast	Maximum	Minimum	Forecast	Maximum	Minimum	Forecast	Maximum	Minimum	Forecast
Abu Dhabi	23	25	Caracas	31	28	Faro	18	15	Rangoon	30	25
Algiers	19	17	Cardiff	10	8	Frankfurt	10	8	Riyadh	27	22
Amsterdam	15	13	Casablanca	19	17	Geneva	10	8	Rome	15	12
Athens	15	13	Chicago	19	17	Glasgow	10	8	Sao Paulo	27	22
Bahia	23	21	Copenhagen	10	8	Hamburg	10	8	Singapore	31	26
Bangkok	23	21	Dublin	10	8	Heidelberg	10	8	Stockholm	10	8
Barcelona	15	13	Edinburgh	10	8	Helsinki	10	8	Taipei	27	22
						Hong Kong	23	21	Tokyo	19	16
						Kuala Lumpur	28	25	Toronto	10	8
						London	10	8	Winnipeg	10	8
						Luxembourg	10	8	Zurich	10	8
						Madrid	10	8			
						Moscow	10	8			
						Mumbai	28	25			
						Nairobi	28	25			
						Paris	10	8			
						Perth	10	8			
						Prague	10	8			



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## INTERNATIONAL COMPANIES AND FINANCE

## EUROPEAN NEWS DIGEST

## Telecoms groups seek Czech mobile licence

The Scandinavian telecommunications groups Telia, Telenor and T-Mobile are to make a joint bid for a 49 per cent stake in a GSM mobile telephone licence in the Czech Republic. They said yesterday they would be "equal partners" but that Telia would have a majority stake to abide by rules of a tender for the stake laid down by the Czech government. The Czech technology group Ceska Radiokomunikace, which operates television and radio signal transmission in the country, will own 51 per cent of the licence. The licence will cost about \$15m but developing a nationwide GSM network would cost "several hundred million dollars", said Mr Harald Grytten of Telenor, the Norwegian telecom group. Analysts have put the cost of a new network at between \$300m and \$500m. Most of the finance to develop it will be provided by the selected partner.

Vincent Boland, Prague

## Sodexho acquires Partena

Sodexho, the French contract services group, yesterday acquired Sweden's Partena for SKr1.5bn (\$226m) from joint owners Volvo and the investment company Industri Kapital, capping a year of aggressive expansion. Partena, with expected 1995 sales of SKr3.5bn, will plug a Nordic gap for Sodexho, which to date has not been present in Sweden. The Swedish company covers care, catering, cleaning and security services and is a leader in the Nordic countries. Projected 1995 earnings are SKr150m.

Hugh Carnegie, Stockholm and Andrew Jack, Paris

## Viag sells Didier-Werke stake

Viag, the German conglomerate built around the Bayernwerk utility, yesterday sold its remaining 25.5 per cent stake in Didier-Werke, the fire-resistant materials business, to Veitsch-Radex of Vienna. The sale is the second leg of a deal which saw Viag sell the first 25.5 per cent stake to Veitsch-Radex last December.

Michael Lindemann, Bonn

## Sweden combines 'bad banks'

Sweden's Bank Support Authority, set up in 1993 to oversee the rescue of the country's loan loss-crippled banking system, said yesterday it was combining two "bad banks" set up by the state to take on more than SKr100bn (\$15bn) in sour credits as part of the bail-out operation. Retrixa, the company set up to unwind loans of SKr30bn taken out of Gota Bank, is to be taken over by Securum, which took SKr167bn of loans from Nordbanken.

Hugh Carnegie, Stockholm

## Vendex expands into Spain

Vendex, the Dutch retail and business services group, is to expand its temporary-employment activities into Spain through the acquisition of a 90 per cent stake in Laborman, the country's second-largest temporary employment agency. It has also acquired an option to raise its holding to 100 per cent at a later stage.

Ronald van de Krol, Amsterdam

## KNP BT to buy 10 distributors

KNP BT, the Dutch paper, packaging and office products group, said it had reached agreement in principle on buying eight office-product distributors in the US and two in Germany. The 10 companies to be acquired will add \$130m in turnover to KNP's office products division. BT Office Products International, which had 1994 turnover of \$948m, The Dutch group raised \$115m by floating 30 per cent of BT Office Products in New York in July.

Ronald van de Krol

## US-German team secures Matav deal

By Virginia Marsh in Budapest

Ameritech, the US regional telecom operator, and Deutsche Telekom yesterday agreed to pay \$500m for a further 37 per cent stake in Matav, the Hungarian telecommunications company in which they jointly took a minority stake in 1993. Matav becomes the first national telecom operator in the former eastern bloc to pass to majority foreign ownership.

The sale, together with the US-German consortium's purchase of a 30.3 per cent stake for \$75m two years ago, is the

region's largest privatisation to date and the largest foreign investment in Hungary. APV Rt, the state privatisation agency, was advised by CS First Boston.

The deal's completion, after months of negotiation, is the culmination of a series of recent sales by APV. In the past month the agency has raised about \$30m - equivalent to 7.5 per cent of last year's gross domestic product - mainly from the sales of stakes in utilities. As well as Matav, it has sold off much of the country's electricity and gas sectors

to foreign utilities, mainly from Germany and France. APV said the consortium, in which Ameritech and Deutsche Telekom have equal shares, had undertaken to float the company and reduce its stake from 67 per cent to 50 per cent plus one vote within a fixed period of time.

The state is to retain a 25 per cent plus one stake in Matav, one of Hungary's leading blue chip companies, while management and employees are to be offered up to 2.7 per cent.

Consortium officials have consistently argued against an

early public offer on the grounds that the company would fetch more once it had completed a three-year P210bn (\$1.5bn) investment and restructuring plan begun last year. A lower price than that paid by the consortium would have forced Ameritech and Deutsche Telekom to devalue their investments at a loss.

Dr Ron Sommer, Deutsche Telekom chairman, said the consortium was committed to developing further Hungary's telecoms infrastructure and to making Matav the region's leading telecom company. As

part of its successful bid in 1993, the consortium agreed to make Matav an international telecoms hub and to increase the number of telephone lines by 15.5 per cent annually - a target it will exceed by 8 per centage points this year.

Mr Walter Catlow, Ameritech vice-president, said the Hungarian telecoms sector was the most attractive for investment in the region. Ameritech is in dispute with the Polish government, which it alleges has reneged on a promise to grant it a digital mobile telephone licence.

## Hoechst to cut 8,000 jobs in pharmaceutical division

By Wolfgang Münchau in Frankfurt

Hoechst, the German pharmaceutical and chemical group, is to make severe cuts in the number of its production plants as part of a wide-ranging restructuring plan to axe 8,000 jobs in its pharmaceutical division by 1997.

Hoechst said yesterday that it would close more than half the number of final assembly plants from a current 77 worldwide, while the number of plants that produce pharmaceutical ingredients is to be cut from 16 to 10. The job cuts will be evenly spread between the Americas, Asia and Europe.

Mr Jürgen Dormann, chair-

man of Hoechst, said the \$7.1bn takeover of Marion Merrell Dow earlier was "an important strategic step on the way to the top in the world pharmaceutical industry". The group aims to forge an integrated organisation from MMD, Hoechst's traditional pharma operations and Roussel Uclaf, Hoechst's French pharmaceutical subsidiary.

Hoechst put the costs of creating the new structure at \$500m, but said these should be centralised by next year by cost savings.

There will be a 1,200 reduction in research and development staff, a result of the concentration of research and development at four sites.

Frankfurt is to remain Hoechst's principal production and R&D location. The other R&D operations will be Ramatuelle in France, Somerville in New Jersey, and Kawagoe in Japan. R&D facilities in Cincinnati (Ohio), Gerezano (Italy), Strasbourg (France) and Swindon (UK) are to be phased out.

Hoechst also announced the setup of a drug development centre in Somerville, which is to co-ordinate strategic planning including drug development, approval procedures and marketing.

The establishment of a co-ordinating mechanism was seen as necessary, because it had "taken us too long in the



Jürgen Dormann: 'an important strategic step'

Associated Press

past to get our drugs to the market", according to one source at Hoechst.

Mr Karl-Gerhard Seifert, head of Hoechst's pharma division, said the combination of

Hoechst, MMD and Roussel would lead to "high synergy and cost saving potential, higher revenues and a good growth potential in the future".

## Endesa makes two more S American investments

By Tom Burns in Madrid

Endesa, Spain's largest electricity utility, has reassessed its expansion strategy in Latin America with investments totalling Pta35bn (\$226.5m) in Argentina and in Peru.

The company, 66 per cent government-owned and listed on the Madrid stock market, said it had paid the Argentine government Pta20bn for an additional 19.5 per cent stake in Edenor, the company which distributes 55 per cent of electricity in greater Buenos Aires.

The acquisition gives the Spanish group majority control of Edenor. It acquired 33.3 per cent of the company in 1992 as part of a consortium, which included Electricité de France, that jointly owns 51 per cent of Edenor's equity.

In Peru, Endesa has acquired 60 per cent of Eleveña - which owns a 200MW gas-fired plant near Lima - through the holding company Generalma, in which Endesa owns 72 per cent. Eleveña, in which the Peruvian government retains a 40 per cent stake, is scheduled to expand the plant's capacity

to 500MW over the next two years.

Endesa's distribution subsidiary in Peru, Distriplsa, was meanwhile awarded a new distribution area that added 50,000 new clients to the existing 650,000 on Distriplsa's books. The Peruvian investment represents an outlay of Pta15bn.

Earlier this year Endesa had signalled its continuing Latin American appetite with the decision to buy a 5 per cent stake in Gas Natural BAN, an Argentine gas distribution business serving the northern part of Buenos Aires.

The stake was purchased from Banco Central Hispano, the big Spanish retail bank, as part of a wide-ranging alliance that involves joint business projects between Endesa and BCH.

Endesa's partnership with BCH aims to diversify the utility's interests with investments in the Spanish cable television and mobile telephone sectors. Its dominant position in the domestic electricity industry was consolidated last year when Endesa and BCH agreed last year with Iberdrola, its private sector rival,

This week the agreement was completed when Iberdrola, Endesa's subsidiary in Catalonia, north-east Spain, paid Pta21.7bn to Iberdrola for the outstanding 30 per cent that it did not own in Hidruña, a second generator in the area.

However, Endesa has also singled out the Latin American market as a priority investment area for part of the treasure chest that has been built up by its sustained profitability. After nine months this year, Endesa net profits were up 12.5 per cent over the same period in 1994 to Pta108.1bn.

## Huhtamaki warns of sharp fall in profits

By Hugh Carnegie in Stockholm

Problems in the collectible sports cards market in the US were felt in Finland yesterday when Huhtamaki, the Helsinki-based group with interests ranging from confectionery to contraceptives, warned of a sharp fall in profits this year.

Huhtamaki said 1995 earnings would be "clearly" below last year's FM445m (\$182m) because an expected turnaround at Duros, which sells picture cards of baseball, football and ice hockey stars, did not materialise in the final months of the year. Duros sales were down 51 per cent after eight months, when Huhtamaki profits fell 35 per cent to FM201m.

The group's most-traded shares fell FM10.00 to FM109.00 on the news. It is the second year running that Huhtamaki results have been dragged down by its exposure to the collectible cards market, which was hit in the past 18 months by strikes in the US professional baseball and ice hockey leagues. Like its equally troubled fellow Finnish group Amer, which operates Wilson Sporting Goods, Huhtamaki has struggled to manage highly consumer-oriented businesses in the US.

Huhtamaki entered the collectible cards market through its ownership of the US-based company Leaf, one of the world's leading non-chocolate confectionery producers. The cards were originally free gifts with chewing gum, a top Leaf product, but have since become a stand-alone business. Mr Timo Peltola, chief executive, made clear Huhtamaki wanted to get out of cards. But plans to spin off Duros through a stock market listing have so far been thwarted by the depressed cards market.

He still expected a recovery in 1996, but admitted the launch of new "interactive" cards, which combine collectability with games that can be played between collectors, had been fumbled, missing the Christmas high season.



## GRYPHON HIDDEN VALUES LIMITED

An investment in event-driven securities of corporate America

US\$ 151,475,000

Sponsor: The Citibank Private Bank  
Lead Placement Agency: Citibank N.A., Jersey  
Administrator: Cititrust (Cayman) Limited  
Private Investment Manager: Alan B. Stika and Company, L.P.

The shares of Gryphon Hidden Values Limited were placed privately offshore with a group of international investors. The company invests in a diversified portfolio of event-driven securities that are affected by or result from the ongoing corporate restructurings, mergers, acquisitions and divestitures that characterize today's financial marketplace.

30 November 1995

This announcement appears as a matter of record only and does not constitute an offer to sell a security or a solicitation of an offer to buy a security.

## THE BANK OF NOVA SCOTIA

£100,000,000 Floating Rate Debentures due October 2000

## NOTICE OF REDEMPTION

NOTICE IS HEREBY GIVEN that, pursuant to the provisions of the Trust Indenture between The Bank of Nova Scotia (the "Bank") and Montreal Trust Company of Canada (the "Trustee") dated as of October 31, 1985, under which £100,000,000 Floating Rate Debentures due October 2000 were issued (the "Debentures"), the Bank intends to redeem and will redeem all of the outstanding Debentures being £100,000,000 principal amount of Debentures on January 31, 1996 (the "Redemption Date") at a redemption price equal to 100% of the principal amount thereof together with interest in accordance with the terms of the Debentures on such principal amount accrued and unpaid to, but not including the Redemption Date (the "Redemption Price"). The terms of the Debentures permit the redemption on any interest payment date on or after October 31, 1990 with the prior written approval of the Superintendent of Financial Institutions (Canada), which approval has been obtained.

The Redemption Price on the Debentures shall be paid on the Redemption Date at either The Bank of Nova Scotia, Scotia House, 33 Finsbury Square, London, England or Banque Generale du Luxembourg, S.A., 14 Rue Aldringen, Luxembourg, upon presentation and surrender of a Debenture together with all interest coupons appertaining thereto maturing on or after the Redemption Date.

AND NOTICE IS HEREBY FURTHER GIVEN that from and after the Redemption Date all interest on the Debentures shall cease to be payable and unmatured coupons shall become void.

DATED at Toronto, Canada this 21st day of December, 1995.

THE BANK OF NOVA SCOTIA  
By Montreal Trust Company of Canada, Trustee

## THE MANAGED CONVERTIBLE FUND

SICAV  
Luxembourg, 11, rue Aldringen  
R.C. Luxembourg N° B 34.758

## NOTICE OF MEETING

Notice is hereby given that the Annual General Meeting of Shareholders will be held at the registered office of the Company on 8 January 1996 at 10.30 a.m. with the following agenda:

## AGENDA

1. Approval of the report of the Board of Directors and of the report of the Auditor.
2. Approval of the annual accounts as at 30 September 1995 and allocation of the results.
3. Discharge to the Directors.
4. Ratification of the co-optations of two Directors.
5. Election of the Directors and of the Authorized Independent Auditor for a term of one year.
6. Miscellaneous.

The shareholders are advised that no quorum is required for the items of the agenda and that the decisions will be taken at the simple majority of the shares present or represented at the Meeting. Each share is entitled to one vote. A shareholder may act at any Meeting by proxy.

By order of the Board of Directors

## ORIENT CORPORATION

(the "Company")

Notice to the holders of the outstanding U.S.\$60,000,000 5 1/4 per cent Convertible Bonds 1997 (the "Bonds")

NOTICE IS HEREBY GIVEN that, pursuant to Condition 6(B) of the Bonds, the Company will redeem all outstanding Bonds in their principal amount together with interest accrued to 25th January, 1996.

Payment of principal and interest will be made against surrender of the Bonds and Coupons at the specified office of any of the Paying Agents listed below. Each Bond should be presented for payment together with all unmatured Coupons, failing which the full amount of any missing unmatured Coupons will be deducted from the principal sum due for payment. Bonds will become void unless presented for payment within ten years and Coupons within five years from the relevant date, as defined in Condition 10 of the Bonds.

Paying Agents  
Deutsche Bank Trust Company,  
75 Rockefeller Plaza,  
New York,  
N.Y. 10019.

Banque Nationale de Paris,  
16 Boulevard des Capucines,  
75009 Paris.

The Bank of Tokyo, Limited,  
Avenue des Arts 18,  
BTE1-1040, Brussels.

DNK International PLC,  
DNK House, 24,  
24 King William Street,  
London EC4M 9QB.

The Development Bank of Singapore Limited,  
24 Raffles Place,  
401-08 Clifford Centre,  
Singapore 04921.

Kreditbank S.A. Luxembourggoise,  
43 Boulevard Royal,  
Luxembourg.

Nomura Bank Nederland N.V.,  
De Boelelaan 7,  
1083 HJ Amsterdam.

Swiss Bank Corporation,  
Aeschenvorstadt 1,  
CH-4002 Basle

Bank Paribas,  
3 rue d'Azim,  
75078 Paris.

Commerzbank Aktiengesellschaft,  
Neue Mainzer Strasse 32-36,  
6000 Frankfurt am Main.

The Daiwa Bank, Limited,  
5th Floor,  
4 Broadgate,  
London EC2M 2QS.

Robert Fleming & Co., Limited,  
Finchley House,  
20 Finchley Road,  
London EC2T 9AQ.

Morgan Guaranty Trust Company of New York,  
Avenue des Arts 35,  
8-1040 Brussels.

Sakura Bank (Luxembourg) S.A.,  
33 Boulevard du Prince Henri,  
L-1724 Luxembourg.

ORIENT CORPORATION

Dated: 21st December, 1995

## GREEK EXPORTS S.A. (Owned by E.T.B.A. S.A.)

## INVITATION

FOR EXPRESSIONS OF INTEREST IN PURCHASING THE ASSETS, AS A WHOLE OR PER UNIT, OF THE ALEXKAS & BROS. S.A. TEXTILE CO.

GREEK EXPORTS S.A., established in Athens at 1 Eristokratou & Viss. Constantinou Streets, in its capacity as special liquidator of ALEXKAS & BROS. S.A. TEXTILE CO. in accordance with Decision No. 11675/1995 of the Athens Court of Appeal, by which ALEXKAS & BROS. S.A. TEXTILE CO. has been placed under special liquidation and under the framework of article 40 of Law 1892/91, as it has been amended, has the honour to invite the creditors who represent more than 51% of its obligations, i.e. a) E.T.B.A. S.A. and b) the NATIONAL BANK OF GREECE as per para 1 of the above article.

Interested buyers to express their interest in purchasing the assets, either as a whole or per self-contained unit, of ALEXKAS & BROS. S.A. TEXTILE CO., now under liquidation, by submitting a non-binding, written expression of interest within twenty (20) days from today.

ALEXKAS & BROS. S.A. TEXTILE CO. was founded on 23/11/1970 and on 16/02/87 it absorbed the subsidiary company MESSENA SPINNING MILLS S.A. and was engaged in the production and sale of natural and synthetic textile fibres, in the stages of ginning, spinning, weaving, knitting, dyeing, finishing and clothing-making.

The assets of ALEXKAS & BROS. S.A. TEXTILE CO. include four factories and complexes as follows:

a) Factory at 38 Agios Georgios Street, Piraeus.  
Land area: 2,000 m<sup>2</sup>. Buildings: 8,000 m<sup>2</sup>.

The factory contains ginning, dyeing and finishing plant for materials and yarn and the print-dyeing unit. It also contains storage space to serve the transport and wholesaling of materials and yarn.

b) Factory at 38 Agios Georgios Street, Piraeus.  
Land area: 5,725 m<sup>2</sup>. Buildings: 7,504 m<sup>2</sup>.

The factory contains the knitting machines and the ready-made clothes manufacturing plant and a section for elasticising yarn. The company's headquarters are housed in this building with its administrative and financial services.

c) Factory at 10 Kerkiras Street, Larissa, Greece.  
Land area: 10,972 m<sup>2</sup>. Buildings: 13,000 m<sup>2</sup>.

The weaving mill, the dyeing plant and the finishing plant for knitted and woven materials are installed here as well as the pre-dyeing plant and the finishing plant for woolen materials.

d) Factory at Agios Nikolaos, Kalamata.  
Land area: 82,000 m<sup>2</sup>. Buildings: 21,000 m<sup>2</sup>.

The cotton yarn, the wool-ginning, the knitting and yarn dyeing units are installed here.

OTHER DATA ON THE AUCTION FOR THE HIGHEST BIDDER.

1. Prospective buyers, on providing a written undertaking of confidentiality, may receive the offering memorandum from the office of the liquidating company. They shall also have access to any other information they may seek and may use the premises of the company under liquidation.

2. The offering memorandum will describe in detail the total assets of the company for sale and will contain every useful information for the prospective buyer.

The announcement concerning the Public Auction for the highest bidder will be published within the prescribed time limits and in the same newspapers.

For any further details or information please apply to:

GREEK EXPORTS S.A., 1 Eristokratou & Viss. Constantinou Streets, 4th Floor, Athens, Greece, Tel. (021) 728.0210 and 728.0272 - Fax (021) 728.0064

ORIENT CORPORATION

Dated: 21st December, 1995

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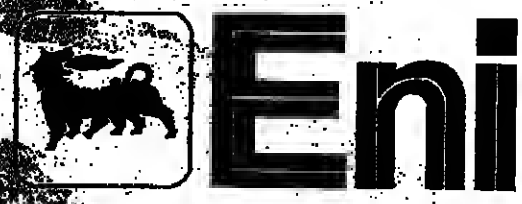


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All of these securities having been sold, this announcement appears as a matter of record only.

December 5, 1995

US\$3,945,909,720



200,000,000 Shares  
(Nominal Value Lit. 1,000 per Share)

Global Coordinators

Istituto Mobiliare Italiano

CS First Boston

These securities are offered in Italy, the United States and internationally.

Italian Public Offering

450,000,000 Shares

Istituto Mobiliare Italiano

Banca di Roma SpA

CARIPLO S.p.A.

CREDITO ITALIANO

Banca Monte dei Paschi di Siena SpA  
Istituto Bancario San Paolo di Torino

Italian Institutional Offering

225,000,000 Shares

Istituto Mobiliare Italiano

Banca di Roma SpA

CARIPLO S.p.A.

CREDITO ITALIANO

Banca Monte dei Paschi di Siena SpA  
Istituto Bancario San Paolo di Torino

C.I.M.O. SIM SpA

GIUBERGIA WARBURG SIM

CS First Boston  
RASFIN SIM S.p.A.

United States Offering

20,000,000 American Depositary Shares  
representing 200,000,000 Shares

Goldman, Sachs & Co.

Lehman Brothers

Morgan Securities Inc.

RBC Dominion Securities Corporation

Smith Barney Inc.

Bear, Stearns

Alex. Brown & Sons

Dean Witter Reynolds Inc.

Deutsche Morgan

Donaldson, Lufkin & Jenrette

A.G. Edwards & Sons, Inc.

Howard, Weil, Labouisse, Friedman

Associates, Inc.

Morgan Stanley & Co.

Oppenheimer & Co., Inc.

PaineWebber Incorporated

Prudential Securities Incorporated

Schroder Wertheim & Co.

Petrie Parkman & Co.

Rauscher Pierce Refsnes, Inc.

Arnhold and S. Bleichroeder, Inc.

Robert W. Baird & Co.

EVEREN Securities, Inc.

Fahnestock & Co. Inc.

Fox-Pitt, Kelton Inc.

Janney Montgomery Scott Inc.

McDonald & Company

Rodman & Renshaw, Inc.

Southeast Research Partners, Inc.

United Kingdom and the Republic of Ireland

170,000,000 Shares

SBC Warburg

Morgan Stanley & Co.

CS First Boston

Istituto Mobiliare Italiano

N M Rothschild/Merrill Lynch International Limited

Schroders

Cazenove & Co.

Dresdner Bank-Kleinwort Benson

Istituto Bancario San Paolo di Torino

NatWest Securities Limited

Continental Europe

100,000,000 Shares

Paribas Capital Markets

ABN AMRO Hoare Govett

CS First Boston

Deutsche Morgan Grenfell

Dresdner Bank-Kleinwort Benson

Istituto Mobiliare Italiano

N M Rothschild/Merrill Lynch International Limited

BNP Capital Markets

Creditanstalt-Bankverein

Lazard Frères et Cie

Santander Investment

Société Générale

Rest of the World

55,000,000 Shares

Nomura International

CS First Boston

Robert Fleming & Co. Limited

Indosuez Capital

Daiwa Europe Limited

HSBC Investment Banking

Istituto Mobiliare Italiano

Nikko Europe Plc



## Fruit of the Loom sees loss for year

■ Yesterday's story on Whirlpool quoted the company as saying industry shipments in Germany and France had fallen by around a third in recent months. The company now says it gave these figures out in error. It estimates that industry shipments in Germany were down between 5 per cent and 6 per cent in September and October. In France, they were up 2 per cent in September and down 4 per cent in October.

**Sherritt International** acknowledged that an investment in the company involved "a high degree of risk". Some investors were especially concerned about the impact on Sherritt of US sanctions against Cuba. According to a recent prospectus, the embargo limits the company's access "to US capital, US finance, US customers and US suppliers".

The airlines are confident that growth will continue. TAM, which targets business travellers, recently placed an order for 18 108-seater Fokker F100 airliners to add to its fleet of 19 F100s, three F50s and seven F27s.

ports generally used by the other carriers. In addition regional airlines are able to charge a premium.

Not all regional carriers, however, can operate these routes because the DAC grants them only to carriers with at least a 15 per cent share of the

reaped the benefits of supplying this demand. TAM in particular concentrates on early morning and evening flights between business centres and, even with an intermediary landing, has been able to keep its prices high.

**A**sifies, however, Mr. Booth believes Brazil's regional carriers will be able to hold up fares by using sophisticated yield management techniques commonly used in other markets.

However, the parent companies probably do better out of the deal, and what Varig and Transbrasil really hope to gain through their regional subsidiaries is a highly effective profit centre.

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New entrants continue to

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*Journal of Management Studies*, 2006; 43(7): 1098–1116  
DOI: 10.1080/00220820600600406

**PROGRAMME**  
**PLC.**  
A Floating Rate  
Securities 2023  
of outstanding on the subject issue  
1995 to March 27, 1996 will be  
each note is £7,402.00.  
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...and pending.  
...the NEW 1960, ...  
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## DIGEST

## Rodime in talks with its bankers

Rodime, the disc drive pioneer whose main assets are patents on 3 1/2 inch disc drive technology, is discussing with its bankers a capital reconstruction to reduce its heavy indebtedness.

The company suffered a severe setback in September when the US court of appeals upheld a judgment against it in an action brought by Quantum, the US disc drive company. The judgment also reduced the scope of a suit against Seagate, another disc drive maker, for which no trial date has been set.

Announcing a lower pre-tax loss for the year to September 30 of \$4.1m (\$7m), Rodime warned yesterday it might be unsuccessful in litigation against all remaining unlicensed 3 1/2 inch disc drive manufacturers, which would eliminate all income from that source.

Rodime said its business was funded by increasing bank debt, which amounted to \$33.9m at September 30. Any proceeds from litigation, net of costs and taxes, would have to exceed total prior charges of \$47.2m before shareholders could benefit.

The company said that although it still had the support of its bankers, its funding structure was no longer in shareholders' interests. It plans a reconstruction of the share capital and indebtedness in the new year.

James Buxton

## Ashanti joint venture

Ashanti Goldfields of Ghana, listed in London and Accra, is forming a joint venture with Petras, Colorado, a Toronto-quoted company, for the exploration and exploitation of Pangaea's Bulyanhulu South and Rubondo concessions in Tanzania.

By spending \$4m (\$2.6m) and \$3m on the Bulyanhulu and Rubondo areas respectively, Ashanti can earn a 51 per cent interest in each. This may be increased to 60 per cent of Bulyanhulu and 75 per cent in Rubondo on completion of a bankable feasibility study within five years. Ashanti will also be responsible for securing project finance for any future mining operation.

Kenneth Gooding

## Hongkong Bank of Canada

Hongkong Bank of Canada, the HSBC Group subsidiary, reported pre-tax income of C\$171.7m for the year to October 31, a 26 per cent increase on the comparable C\$136.3m. Net interest income was C\$444.7m (C\$386.5m) with a further C\$102.6m (C\$90.5m) from other income. Net income per common share came out at 36 cents (31 cents).

Total assets during the year improved from C\$16bn to C\$19.6bn.

## Caverdale stake

Caverdale Group, the motor retailer, is issuing 12m new ordinary shares to Murnoo Investments, which is controlled by the Al-Rostamani brothers, at 14p each to raise £1.68m (\$2.65m). The brothers previously held 12m shares and this latest investment takes the number held to 24m, or 9.5 per cent.

Mr Abdullah Hassan Al-Rostamani is to join Caverdale's board as a non-executive director. The Al-Rostamani Group is based in the United Arab Emirates, where its interests include the distribution of motor vehicles and automotive spare parts. Caverdale's shares fell 1/4p to 11 1/4p yesterday.

## Consortium led by Hospitality Franchise Systems pays \$175m

## Forte sells Travelodge in US

By Scheherazade Daneshkhu  
Leisure Industries  
Correspondent

Forte, the hotels company which is fighting a \$3.2bn hostile bid from Granada, the TV and leisure company, yesterday said it had sold its US Travelodge chain of hotels for \$175m.

The buyer is a consortium led by Hospitality Franchise Systems Incorporated, the US hotel franchising company, which trades under hotel brands such as Days Inn, Ramada, Super 8 and Howard Johnson. HFS will have the rights to operate the Travelodge brand name in the US, Canada and Mexico while Forte will retain the rights to the name in the UK, continental Europe and most other regions of the world.

The sale was made by competitive auction and handled by Morgan Stanley, the US bank.

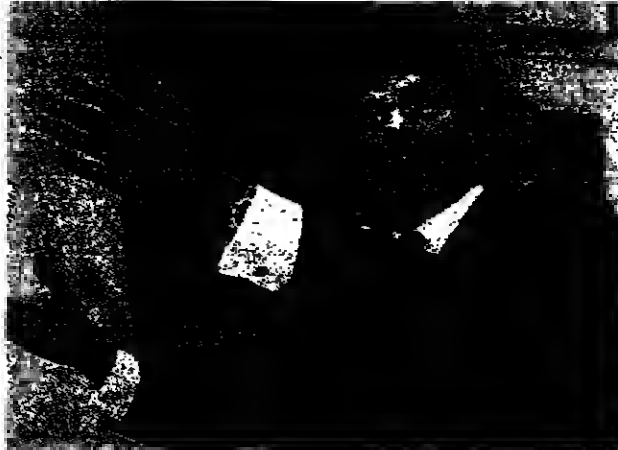
It followed disappointment over the sale of the White Hart consortium of hotels which Forte had hoped to have con-

cluded by Christmas. The deal stalled earlier this week after Apex, the venture capitalist pulled out, apparently after differences over price. Apex was providing financial backing for Oriol Leisure, a private company. Oriol Leisure said yesterday it was still talking to Forte and hoped to meet the company after Christmas.

Forte said in September that it wanted to sell the 484 network of Travelodge hotels, which comprises 247 franchises, 28 wholly-owned properties and 98 joint ventures. The book value is \$148m after minority interests of \$34m. Forte, which is assuming some debts, expects to receive a net \$157m.

Mr Keith Hamill, finance director at Forte, called the price achieved "satisfactory". He said the management had been working hard for some time to improve the performance of US Travelodge which he described as "one of our more difficult businesses".

Forte inherited the US Travelodge business, which was established in the 1940s and is



Sir Rocco Forte: sale follows disappointment over White Hart

one of the oldest US hotel brands, from Trust Houses, the hotels company with which it merged in 1970. Mr Hamill said it was then a tired brand which either needed substantial investment or to be sold. Forte had not put it on the market earlier because profits had been too low.

However, cash flow has

improved and pre-tax profits before minorities were \$14m in the year to January 31 1995. Forte said the transaction represented 26 times prior year earnings. "The business is now at a stage where it can be developed effectively by the new owners, who specialise in this sector in the US," said Mr Hamill.

## Improving demand for art seen in Sotheby's turnover

By Anthony Thorncroft

The improvement in demand for works of art in the past year was dramatically revealed in 1995 turnover figures for Sotheby's, the world's largest fine art auctioneers, released yesterday. Sales totalled \$1.65bn, a gain of 25 per cent in dollar terms, 31 per cent in sterling, over 1994.

Its arch rival Christie's will announce its sales figures today; they are expected to show a reasonable increase.

"Sotheby's has had its strongest year since 1990 and its fourth highest annual auction sales total ever," said Diana D Brooks, president and chief executive.

"Geographically auction

sales for 1995 increased by 23 per cent in Europe and 24 per cent in North America." The fourth quarter was particularly strong, with sales of \$704.5m, up 22 per cent.

The improvement owes much to the recovery in confidence in the two key market sectors, Impressionist and Modern art and Jewellery. Sales of post-1870 art were up by \$178m to \$633m, and jewels showed a gain of 39 per cent, to a record \$254m.

The highest price paid in the auction room in 1995 was the \$39.2m which secured for Sir Andrew Lloyd Webber at Sotheby's in May a portrait by Picasso of a drinking companion. In November, a painting by Van Gogh of a forest glade sold for \$27m.

However, the November auctions in New York suggested demand for major post-1870 art remained selective. An important group of paintings by Picasso carried high reserves and were largely unsold.

The main autumn jewellery auction in Geneva in November brought in \$53.5m, the second highest total ever for a various-owners jewel sale. A pink diamond of 7.37 carats made \$2.1m, a record price for a pink diamond.

London-based Phillips, the world's number three auction house, yesterday reported a 7 per cent gain in sales to \$97.6m, while Bonhams continued its recent improvement by boosting turnover by more than 15 per cent to \$40.1m.

## LEX COMMENT

## Rail privatisation

Rail privatisation, it seems, really will mean lower subsidies. That, at any rate, is the message to be drawn from the three franchises let so far. In real terms, the government's annual contribution over the franchises' seven-year life will average about 15 per cent below this year's figure. But ministers are still likely to be criticised for selling them off too cheaply - because investors stand to make embarrassingly large profits. Take, for instance, Stagecoach's acquisition of South West Trains. On the face of it, this is the least lucrative deal of the three, because subsidy will actually fall in the first year. But the bulk of SWT's costs - infrastructure and rolling stock charges - are pegged below the rate of inflation. Even if SWT merely manages to hold variable costs flat and revenue grows only in line with inflation, it should be comfortably into profit by 1998.

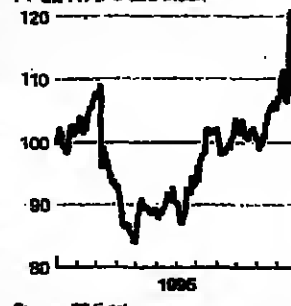
More aggressive cost-cutting - say 5 per cent a year - would deliver pre-tax profits of £30m-£40m a year by 1999. With minimal capital investment up-front, this would be quite a return for Stagecoach shareholders.

On the other hand, profits of this order - on the back of guaranteed subsidies of £49m a year - are bound to be at risk of political intervention.

True, ministers cannot vary the franchisees' contracts. But they could, for instance, accelerate the opening of the network to competition. That way, passengers would benefit - and investors' profits would be hit. Politically, that could well be convenient.

## Stagecoach

Share price relative to the FT-SE-A All-Share Index



Source: FT Intel

## Danish oil find for Enterprise

Enterprise Oil, one of the larger UK explorers, yesterday received a boost when its partner, Statoil of Norway, reported a promising North Sea discovery in Danish waters, writes Robert Corrine.

Enterprise said the discovery on an exploration block in which it has a 20 per cent interest could be the largest Danish find since 1977.

Enterprise and Statoil, the state oil company which has a 50 per cent stake in the discovery, have a total of four blocks in the area, 260km north-west of Esbjerg, close to the Danish/Norwegian border.

The company said the new field has similar geological features to its Nelson field in the UK sector of the North Sea.

## Persona rights for Top Log purchase

By James Harding

In a deal expected to double sales and profits next year, Persona, the PC networking products group, is to pay £19.9m (\$31m) for a European distributor.

The acquisition of Financiere Top Log, the Paris-based distributor of network and communications products, will be funded by a 17-for-20 rights issue at 225p, raising £23.1m. Persona shares yesterday closed at 285p.

Top Log had pre-tax profits of £2.3m on sales of \$65.5m in the year to September. It distributes through five French

offices and operations in the UK, Spain, Germany and Belgium.

Persona predicted that profits in the year to December would exceed £2.7m, a 23 per cent increase on last year's £2.06m. The acquisition is expected to be earnings enhancing from the outset.

Mr Serge van Gorkum, Top Log's chairman, who will own 4.4 per cent of Persona's enlarged share capital on completion of the acquisition.

He said: "We are very pleased to do this deal with Persona, because we are indirectly listing in London."

## RESULTS

Company	Turnover (£m)	Pre-tax profit (£m)	EPS (p)	Current dividend (p)	Date of payment	Dividends corresponding dividend	Total for year	Total last year
Antares Estates	8 mths to Oct 3	0.806 (1.22)	0.01 (0.241)	0.1 (0.5)	0.75	Jan 31	3.275	1.5
James Hargreaves	Yr to Sept 30	15.3 (11.3)	1.23 (0.807)	14.3 (11.5)	3.85	Feb 19	2.5	3.775
Lancashire Enterprise	Yr to Oct 31	19.7 (15.1)	2.68 (0.22)	10.9 (12.5)	2.5	May 7	4	3.85
Leeds	Yr to Sept 30	17 (13.8)	0.373 (0.342)	1.75 (0.42)	1	Mar 15	0.25	0.25
Optimetrics	6 mths to Sep 30	1.96 (1.72)	0.113 (0.04)	11 (0.3)	0.1	0.1	0.1	0.1
Rediffusion	Yr to Sept 30	4.12 (4.12)	0.04 (0.04)	3.14 (5.04)	0.1	0.1	0.1	0.1
Western Selection	Yr to Sept 30	0.852 (0.852)	0.042 (0.042)	3.71 (0.25)	0.1	0.1	0.1	0.1
Zargo	8 mths to Oct 31	4 (2.96)	0.476 (0.048)	0.1	0.1	0.1	0.1	0.1
Investment Trusts	8 mths to Oct 31	88.36 (91.28)	1.72 (1.58)	9.06 (8.33)	3.253	Jan 31	3	15
Advanced Print Inc	6 mths to Nov 30	243.2 (208.1)	1.68 (0.78)	1.83 (1.86)	1.7	Feb 2	1.6	3.35
Electric & General	13 mths to Oct 31	115.6 (95.5)	0.54 (0.54)	17.77 (1.1)	2.2	Feb 28	2.2	2.2
LAG Recovery	6 mths to Nov 30	702.59 (601.32)	1.56 (1.43)	15.62 (4.27)	15.8	Feb 7	14.3	25.5
M&G Second Deal	3 mths to Nov 30	219 (213.54)	0.22 (0.17)	2.86 (2.13)	2.75	Apr 3	2.85	10.65
Marley Spelt Cap	9 mths to Oct 31	88.29 (82.65)	1.05 (0.7)	7.16 (6.53)	1.93	Oct 29	1.8	7.5

Figures shown basic. Dividends shown net. Figures in brackets are for corresponding period. \*After exceptional charge. \*\*After exceptional credit. †In increased capital. ‡In stock. \*US currency. †Second interim; makes 6.5p to date. ‡At August 31. †††Interim already announced; makes 5.7p to date.

## New chief steps up at motor division

By John Griffiths

Inchcape, the international services and motors distribution group, is installing a new chief executive at its under-performing Inchcape Motors International, which includes all the motor activities except Toyota distribution and sales.

Mr Peter Johnson, 48, an 18-year veteran of the Rover Group, who joined Inchcape only in March, will step up from running

the UK and European motor retailing activities on January 1.

He has spent periods as chief executive of Applied Chemicals and later of Marshall Motor Group between leaving Rover and joining Inchcape.

He replaces Mr Maurice Rourke, who has been running the division for the past two years and who was part of the Rover, Kemsley and Millbourn motor distributor bought for £578m (£594m) four years ago.

Mr Rourke, 47, is claimed by Inchcape insiders to have done a good job of building Inchcape's extensive motors portfolio, but to have been less at ease with consolidating the division's operations in the face of a number of depressed markets around the world.

The division has grown into a labyrinthine global network, comprising 109 import and distribution franchises representing 49 manufacturers in 36 countries.

## Inchcape returns to flotation plan for Bain Hogg

By Ralph Atkins and Tim Burt

Inchcape, the international services and motors distribution group, yesterday announced a number of potential bidders for its Bain Hogg insurance broking arm after failing to achieve what it regarded as a worthwhile price.

The group has instead reverted to a plan to float the company within the next few years. A partial flotation was first mooted last year, but yesterday the group said it might float a majority stake.

The announcement followed intense speculation that Bain Hogg would be sold to one of several bidders for more than £300m (£475m).

Those understood to have made approaches included US brokers Aon and Alexander & Alexander. A management buy out was also considered.

Inchcape, however, is believed to have looked for nearer \$400m. It said Bain Hogg had good prospects and that it sought a bidder prepared to pay "tomorrow's price today".

Last year, Bain Hogg made a

pre-tax profit of £21.4m on a turnover of £173.7m. With demand for brokers' services under pressure, consolidation is widely expected among the medium size companies. But Inchcape's decision will confirm that potential bidders are reluctant to spend large amounts.

Analysts said Inchcape's failure to secure a trade sale for more than £300m raised questions about the wisdom of its decision last year to pay £175.6m for Hogg Group, the broking business subsequently merged with its Bain Clarkson subsidiary.

"They paid a top of the cycle price for Hogg and they clearly wanted more than £350m to recoup their investment in the broking side," said one.

Inchcape, which said it would consider further approaches although it was not actively seeking offers, confirmed that the focus was on "the path to flotation". The timing will depend on stockmarket conditions. With insurance brokers' ratings relatively depressed Inchcape may wait until late 1997 or 1998.

## CONTRACTS &amp; TENDERS

THINK AHEAD  
Bring your capital to a peak

Ras Beirut Commercial Center

The Municipality of Beirut, represented by the Council for Development and Reconstruction, plans to realize a complex composed of a Public Garden, a Car Park and a Commercial Center in Ras Beirut according to a tender to Build, Operate and Transfer (B.O.T.).

Candidates interested to execute this project are invited to submit their applications for prequalification. Candidates should form joint ventures with international corporations, including financiers, building contractors and international operating companies, that benefit from a significant experience in public gardens, car parks and commercial centers.

The project shall be built on plot No. 1220 in Ras Beirut, with an approximate area of 14,200 m<sup>2</sup>, owned by the Municipality of Beirut.

The main functions of this project cover the following areas:

- A Public Garden (green spaces...) 6,800 m<sup>2</sup> approx.
- Commercial Shops, Snacks 5,000 m<sup>2</sup> approx.
- Services (warehouses, kitchens...) 1,200 m<sup>2</sup> approx.
- Galleries (ramps and arcades) 2,800 m<sup>2</sup> approx.
- Offices 6,200 m<sup>2</sup> approx.
- Car Park (1500 cars) 44,700 m<sup>2</sup> approx.

The project also includes the execution of foundations for an office tower with an area of 48,000 m<sup>2</sup>. It is noted that although the office tower plans have been completed, the building of the tower shall be executed at a later stage not within the framework of this project.

This project should be completed according to a strict time table within a period not exceeding 24 months. The group of companies or parties which shall be selected must build the complex, operate it for a number of years, then should be indicated in their tender offer and subsequently deliver it in an excellent operating condition to the Municipality of Beirut. The prequalification procedure shall conform to the prequalification document which can be obtained from the Council for Development and Reconstruction against the sum of 1 \$/S/5000 in the form of a certified banker's cheque in the name of the Council for Development and Reconstruction.

The group of companies or Parties interested in participating in this project are invited to collect the prequalification documents as of Tuesday 5/12/1995 and to submit them accompanied by all the required documents before 12:00 noon, Beirut local time, on Monday 5/2/1996 at the following address: Council for Development and Reconstruction Tallet Al-Serail - Beirut - Lebanon

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MUNICIPALITY OF BEIRUT  
COUNCIL FOR DEVELOPMENT AND RECONSTRUCTION

Ras Beirut, a Capital's Peak

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## COMMODITIES AND AGRICULTURE

# Equatorial joins Luksic in \$200m Chile copper deal

## Fear of a fudge over Australian sugar

By Kenneth Gooding,  
Mining Correspondent

Chile, which already produces more than 25 per cent of the world's copper, is to have another big mining project. Equatorial Mining, an Australian company, and the Luksic group, one of Chile's biggest industrial organisations, will jointly develop their neighbouring copper deposits in the El Tesoro area, 150 kilometres from Antofagasta.

Equatorial said yesterday that the project would cost about US\$200m and mining should begin in 1997. The joint venture would be capable of producing an average of 60,000 tonnes of copper for a minimum of 15 years.

That rate of output might be substantially higher in the early years. The company estimated that the cash operating cost of producing copper would be only 40 cents a pound (\$631.60 a tonne), among the lowest in the industry, and that, if the copper

price remained at about \$1 a pound (\$204 a tonne) capital costs would be paid back in three years.

Mr Stephen Gerlach, Equatorial's chairman, said that, if his company had developed its Leonor deposit alone, the cost per pound would have been about 46 cents (\$1,014 a tonne).

It will include Luksic's Sorpresa deposit, as well as Leonor, to be mined in the early years, and the Santa Carmen property.

Development will be undertaken by Minera El Tesoro, a company in which Luksic will own 61 per cent and Equatorial 39 per cent.

The deposits lie on the same geological fault line as the world's two biggest copper mines, Chuquibambilla and Escondido, and are midway between them.

Nearly every mining company operating in Chile has staked some land in the area because the Leonor-Sorpresa copper is "exotic" - washed there from what must be a huge, high-grade deposit elsewhere, but probably close by.

The big drawback is that the exotic copper is very difficult to release from the ore.

The Luksic group, founded by Mr Andronico Luksic, is heavily involved in Chile's copper business through its London-quoted Antofagasta Holdings, which produced about 77,000 tonnes of copper in that country last year. The Sorpresa project is held separately from Antofagasta.

Equatorial said it would have no difficulty meeting its share of the costs.

At present it has \$457m in cash and the backing of its biggest shareholder, AMP Society, which is Australia's biggest life insurance group and maintains a 28 per cent holding in Equatorial.

Nikki Tait reports from Queensland on the implications of a competition initiative

Up on Queensland's

lush coastal plain, the sugar cane fields look serene. Harvesting and processing of this year's crop, slightly delayed by wet weather, is underway. Despite lower world prices and some reduction in production from 1994-95's record levels, the forecasts are for a \$1.1bn harvest - only slightly short of last year's bumper \$1.14bn.

But beneath the tranquillity, uncertainty looms. A commission, reporting to the federal and Queensland governments, is debating whether Australia's sugar industry should be thrown open to competitive forces.

For a sector traditionally ally among the heavily protected in Australian agriculture, this is potentially traumatic.

The commission was anticipated when Queensland, source of 95 per cent of Australia's raw sugar production, introduced new sugar industry legislation in 1991 and promised to review this after five years.

But it has been given extra impetus by Australia's embrace of a "national competition policy" - a federal initiative to which all the state governments signed up this year.

The competition initiative has particular implications in the rural sector. The dominance of statutory support schemes cut Australian consumers and users about \$455m in 1989-90, estimated the one industry Commission report. Benefits to these groups from reform of the milk, sugar and egg industries alone could total about \$456m a year.

In an effort to erase such inefficiencies, the authorities

have declared that agricultural sector legislation should not be used to restrict competition unless it can be shown that benefits of the anti-competitive practices outweigh the costs.

For most of this century, Australia has placed either an embargo or a tariff on sugar imports. Domestic production has been constrained by a "land assignment" system, specifying the acreage from which growers can harvest cane and sell to a mill.

Meanwhile, a centralised Sugar Board has controlled the purchase and marketing of sugar, contracting domestic

refineries to process raw sugar on a "first basis, then sold on the industry's behalf."

In 1991, some liberalisation was introduced. The Sugar Board was replaced by the Queensland Sugar Corporation. This is still a statutory body which buys and markets the state's sugar production, but it is funded by the 7,000 cane growers out of these sales.

The QSC remained responsible for an assignment system, but was to ensure that cane growing acreage in Queensland expanded by at least 2.5 per cent each year. (In 1994, it grew by 3.6 per cent, allowing the QSC to claim that, for the first time, land available exceeded

demand.) The import embargo, meanwhile, was replaced by a tariff on raw sugar imports, initially set at \$115 a tonne but now less than half that.

These partial reforms fall well short of the commission's brief - which includes a review of the tariff and an assessment of the phased removal of sugar industry regulatory arrangements by 2000. Privately, many industry players say they are fairly relaxed about further easing of assignments or even a loss of the tariff. But it is the role which QSC plays as a "single desk" seller, for both the export and domestic markets, which most see as critical - and vulnerable.

"The industry is on notice that under the national competition policy single desks are deemed inappropriate," says Mr Michael Rosscher, deputy chief executive of the QSC.

The QSC argues that it helps to smooth the production chain and acts as an efficient - even necessary - salesman for Australian sugar overseas, given corruption in world markets. Because burnt cane has to be crushed fast, the relationship between growers and mills is extremely close. The QSC makes advance payments to the mill owners throughout the season, which in turn are shared on a formula basis with growers. Centralised management of bulk terminals and the like is justified on the grounds of more streamlined handling.

Expecting small farmers to start adapting to world market prices could also be a big task. "The average cane grower probably doesn't even know what the world price for sugar is," says Mr Rosscher.

Critics, however, say this ignorance is precisely the worry. Despite recent growth in the industry, there is no evidence that it is at an optimal size. Even with modified land assignment, there are lags between the desire of growers to expand with the market, and their ability to do so.

On the buying side, there is the distortion of the two different "pool" prices provided by the QSC. Nor is there any conclusive evidence that growers would be benefited by more entrepreneurial responsibility; parallels are drawn with cotton, where growers regularly

operative, a grower-owned organisation, and London-based ED&F Man, the commodities trading house, opened a \$85m refinery attached to the Racecourse Mill on the Capricorn Coast. This was to build an export-oriented refined sugar business on the back of a domestic operation.

MRS has not had an easy birth. The company claims that, even with modern bulk shipping, it is only feasible to develop an export-oriented refining business in tandem with a domestic presence. But a virulent price war has broken out locally, prompting legal action between MRS and CSR, the largest domestic refiner, and allegations of predatory pricing.

The cumbersome industry structure is much to blame. A Queensland mill must sell to QSC before the refinery can buy the sugar back at the import parity price. "Single desk selling belongs to a past era," says Athol Harley, MRS's chief executive.

Australia's wheat industry, meanwhile, has managed to retain a single desk system for export sales and the wool industry is still grappling with the centralised sell-down of a large stockpile, built up under an earlier price guarantee scheme. Some worry that the sugar industry will suffer because of the political desire to make an example of it.

But perhaps the greater fear is a fudge. Geoff Mitchell, head of Tate & Lyle's Bundaberg Sugar, said: "The industry has to either continue down the competitive track or it has to revert to a sustainable regulated environment."

Although one of the largest raw sugar suppliers, Australia never developed refined sugar exports, mainly because of high regulation

utilises futures markets. There is also the question of whether Australia can, or should, move into the world market for refined sugar. Largely because of the industry's highly regulated history, Australia never developed refined sugar exports, although one of the largest international suppliers of raw sugar (accounting for about 15 per cent of its world trade in the early 1990s). Refiners, under the Sugar Board, were inevitably near domestic markets.

The more liberal regime has encouraged some initiatives. Last year, for example, Mackay Refined Sugars, a joint venture between Mackay Sugar Co-

# CBOT to triple trading hours for grain and soyabean futures

By Laurie Morse in Chicago

The Chicago Board of Trade plans almost to triple the trading hours for the busy grain and soyabean futures, by listing the agricultural contracts for overnight computer trading beginning February 29.

The six-month experiment was approved by CBOT members this year, and is aimed at meeting growing competition from the Asian time zone. The CBOT grain futures are currently open only three hours and 45 minutes each day, during Chicago business hours.

Once listed on the CBOT computer trading system, Project A, they will reopen at 10:30pm Chicago time, and continue through 4:30am.

The overnight hours are tailored to compete with the Tokyo Grain Exchange, whose maize futures contract has overtaken the CBOT's, in terms of volume, in just two years.

In addition to maize, CBOT futures on soybeans, soybean oil and meal, oats, rough rice and wheat will be traded overnight on Project A.

The Chicago exchange has offered its financial futures contracts overnight on the electronic system for several months, with average evening volume recently climbing over 5,000 contracts.

An exchange spokeswoman said options on agricultural futures would be added to the

time through 4:30am. The overnight hours are tailored to compete with the Tokyo Grain Exchange, whose maize futures contract has overtaken the CBOT's, in terms of volume, in just two years.

In addition to maize, CBOT futures on soybeans, soybean oil and meal, oats, rough rice and wheat will be traded overnight on Project A.

The Chicago exchange has offered its financial futures contracts overnight on the electronic system for several months, with average evening volume recently climbing over 5,000 contracts.

An exchange spokeswoman said options on agricultural futures would be added to the

overnight computer session sometime after the February 29 launch for futures.

To date, she said 34 of the CBOT's 53 member firms that participate in the agricultural futures pits had signed up to participate in the Project A sessions.

Separately, the CBOT's board has approved a January 19 launch of five new futures contracts based on maize yields.

One of the new contracts will be based on the national yield and the other four on the individual states of Illinois, Indiana, Nebraska, and Ohio. The contracts are an expansion of the Iowa corn yield futures offered experimentally this year.

# Oil and gas derivatives market estimated at \$40bn a year

By Robert Corzine

The international market in oil and natural gas derivatives has grown to \$40bn a year, according to a new study from the accountants Price Waterhouse and Petroleum Intelligence

Weekly, a trade journal.

The study says rapid growth in the use of derivatives is affecting the structure of the energy industry and has reduced the seasonality of oil and gas price movements.

Publication of the study comes amid sharp swings in oil prices, which some analysts have attributed to the extensive use of futures markets.

The London-based Centre for Global Energy Studies says the

recent price rally has been underpinned by a trend among oil companies to hold lower levels of stocks.

"Industry stocks are lower than they have been for many years and companies rely on futures markets to provide

price insurance against supply disruptions," the centre indicates in its latest monthly report.

"Oil prices are therefore more responsive to short-term shifts in supply and demand..."

## COMMODITIES PRICES

## BASE METALS

## LONDON METAL EXCHANGE

(Prices from Amalgamated Metal Trading)

■ ALUMINIUM 99.7% PURITY (\$ per tonne)

Cash 3 mths

Close 1658.50 1667.00

Previous 1657.5-5.5 1666.5-9.0

High/Low 1656 1666/1681

AM Official 1659.50 1669.4-5

Kerb close 1659.50 1669.5

Open int. 231,618

Total daily turnover 41,070

■ ALUMINIUM ALLOY (\$ per tonne)

Close 1425.35 1465.75

Previous 1425.35 1465.75

High/Low 1425.35 1465.75

AM Official 1425.35 1465.75

Kerb close 1425.35 1465.75

Open int. 4,794

Total daily turnover 1,518

■ LEAD (\$ per tonne)

Close 710.11 707.4

Previous 709.11 707.4

High/Low 710.11 707.4

AM Official 710.11 707.4

Kerb close 710.11 707.4

Open int. 34,591

Total daily turnover 6,700

■ NICKEL (\$ per tonne)

Close 8055.63 8190.90

Previous 8110.20 8235.40

High/Low 8055.63 8190.90

AM Official 8055.63 8190.90

Kerb close 8055.63 8190.90

Open int. 38,260

Total daily turnover 8,219

■ TIN (\$ per tonne)

Close 6225.35 6235.40

Previous 6225.35 6235.40

High/Low 6225.35 6235.40

AM Official 6225.35 6235.40

Kerb close 6225.35 6235.40

Open int. 14,639

Total daily turnover 4,441

■ ZINC, special high grade (\$ per tonne)

Close 1005.5-6.5 1031.30

Previous 1013.5-4.5 1034.40

High/Low 1005.5-6.5 1031.30

AM Official 1005.5-6.5 1031.30

Kerb close 1005.5-6.5 1031.30

Open int. 171,845

Total daily turnover 112,673

■ LIME, AM Official 5/8 rate 1.5289

LIME, LIME 5/8 rate 1.5289

Spot, 1.5375 3 mths 1.5345 6 mths 1.5319 9 mths 1.5322

High grade 3 mths 1.5345 6 mths 1.5319 9 mths 1.5322

■ CRUDE OIL (\$ per barrel)

Close 22.55 22.55

Previous 22.55 22.55

High/Low 22.55 22.55

AM Official 22.55 22.55

Kerb close 22.55 22.55

Open int. 171,845

Total daily turnover 112,673

■ COPPER, grade A (\$ per tonne)

Close 2650.45 2709.4

Previous 2640.45 2709.4

High/Low 2650.45 2709.4

AM Official 2650.45 2709.4

Kerb close 2650.45 2709.4

Open int. 171,845

Total daily turnover 112,673

■ COPPER, grade B (\$ per tonne)

Close 2650.45 2709.4

Previous 2640.45 2709.4

High/Low 2650.45 2709.4

AM Official 2650.45 2709.4

Kerb close 2650.45 2709.4

Open int. 171,845

Total daily turnover 112,673

■ COPPER, grade C (\$ per tonne)

Close 2650.45 2709.4

Previous 2640.45 2709.4

High/Low 2650.45 2709.4

AM Official 2650.45 2709.4

Kerb close 2650.45 2709.4

Open int. 171,845

Total daily turnover 112,673

## PRECIOUS METALS continued

## ■ GOLD COMEX (100 Troy oz; \$ Troy oz)

Dec 388.4 +1.4 388.5 388.0 47 205

Jan 388.4 +1.2 388.5 388.0 47 205

Feb 388.4 +1.2 388.5 388.0 47 205

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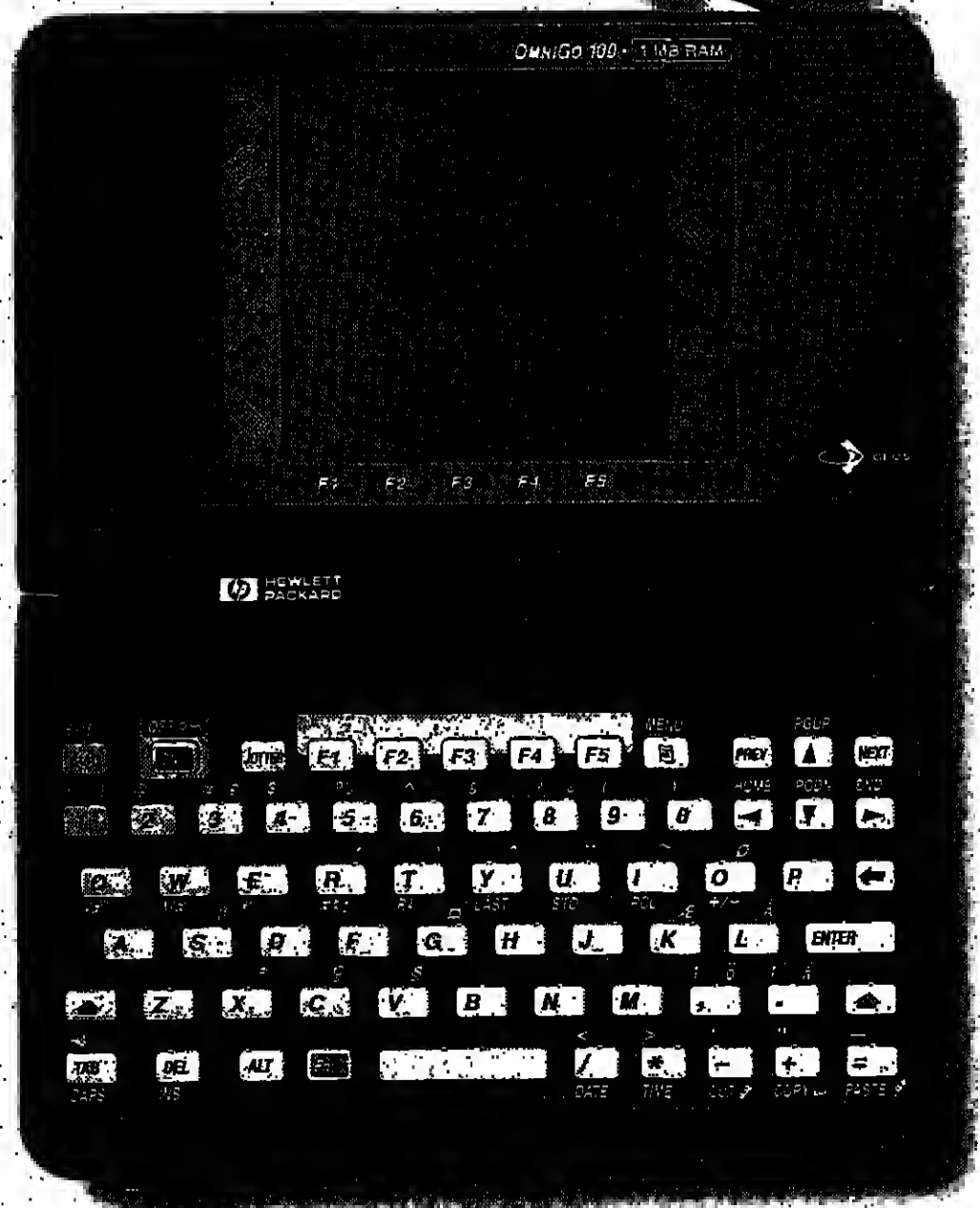
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INTERNATIONAL COMPANIES AND CAPITAL MARKETS

Terms for BankWest flotation set

By Nikki Tait in Sydney

Bank of Scotland, which recently bought BankWest, the Perth-based regional bank, from the Western Australian state government for \$900m (US\$672m), is aiming to recoup \$437.7m of that when it floats a 49 per cent interest in the bank on the Australian stock exchange early next year.

The flotation prospectus was published yesterday in Australia, and prices the 213.5m shares being sold at \$2.05 each. The share offer opens on January 8, and trading in the stock is expected to start on February 15. It is not underwritten, and Bank of Scotland will retain any shares not sold.

In the prospectus, BankWest predicts modest profits growth in the next few years. It forecasts a 6 per cent increase in after-tax profits for the year to end-February, at A\$84.5m, and says the figure should rise a further 6 per cent to A\$100.2m in the 1996-97 financial year.

"Continued competitive pressure, particularly on interest margins, combined with a

number of external factors, including the increased tax rate, will, in the directors' opinion, constrain the bank's capacity to increase profits after tax in the 1997 financial year as strongly as in the previous years."

But the bank adds that pre-tax profits should show a stronger 16.9 per cent increase, from A\$136.8m to A\$159.9m, in 1996-97.

"In the long term, directors look forward to further periods of strong profits growth... as the state's economy continues to grow," it says. It argues that Western Australia should be able to sustain "above average" rates of economic, population and employment growth and, with 90 per cent of business based in the state, this should be to BankWest's advantage. The key prediction is for real economic growth of 4 to 5 per cent in each of the four years to 1998-99.

The sell-down of the Bank of Scotland interest was anticipated when the company emerged as the buyer of BankWest in September.

World Bank launches record Czech koruna issue

By Corrie Middelmann

The World Bank yesterday set a record with its first foray into the Czech koruna sector, launching the largest offering in that currency to date.

The K22.5bn issue of 10.2 per cent two-year bonds met with strong demand from German and Austrian retail investors and European emerging-market funds, lead manager Commerzbank said.

Investors were attracted by the 600-odd basis point yield-pick-up over domestic German paper and prospects for a stable or even slightly appreciating currency - factors that have even drawn buying for seasoned koruna bonds by US investors in recent weeks.

"There's a lot of demand for koruna paper, but the supply can't keep up because it's hard to find swaps in this market," one dealer said.

The proceeds of the World Bank issue were swapped into D-Marks.

On 15th trading the World Bank also launched a DM150m seven-year bond targeted at Japanese retail investors.

Matif, the French futures market, is to make available next month a facility for basis trading on the 10-year notional futures contract, the Ecu bond and the CAC-40 stock index contract.

A basis trade transaction is a simultaneous exchange between two market participants of a certain number of futures contracts and an equivalent number of underlying cash instruments (the deliverable security in the case of the notional and Ecu contracts), and a basket of at least 35 shares that make up the CAC-40 contract.

Life and the Deutsche Termibörse, the UK and German derivatives exchanges, announced similar facilities earlier this year.

US Treasuries advance but German prices slip

By Lisa Branstetter in New York and Richard Lapper in London

US Treasuries again set the tone for international bond markets yesterday following Tuesday's cut in the target Federal funds rate. European bonds strengthened although German 10-year bonds were hit by news of higher-than-expected supply in the first quarter of next year.

many had little impact. The IFO economics institute revised its forecast for economic growth for 1995 down to 2 per cent for 1995 and 1.75 per cent for 1996 (compared with earlier projections of 2.25 and 2.5 per cent respectively).

At Liffe the March 10-year bond future settled at 98.82 (up 0.28), off the day's high of 99.12. In the cash market the German 10-year yield spread over Treasuries widened by ten basis points to 28.

GOVERNMENT BONDS

For the second consecutive day there was no government bond activity because the offices that prepare the statistics were closed for lack of a budget agreement. The government was to have released gross domestic product figures and housing statistics on Tuesday and trade data yesterday.

German bonds were initially buoyed by the overnight rebound in the US, but were then depressed by supply fears. The Bundesbank announced that it would issue DM45bn in the first quarter of next year, a higher number than expected by the market. Mr. Kirit Shah, international strategist at First Chicago, said the announcement could be interpreted as signalling "the last leg of the rally. Although the bull trend is likely to continue well into next year, 6 per cent [as a yield on the benchmark 10-year bond] could be difficult to break in the near-term."

Surprisingly, new evidence of economic slowdown in Ger-

many had little impact. The IFO economics institute revised its forecast for economic growth for 1995 down to 2 per cent for 1995 and 1.75 per cent for 1996 (compared with earlier projections of 2.25 and 2.5 per cent respectively).

At Liffe the March 10-year bond future settled at 98.82 (up 0.28), off the day's high of 99.12. In the cash market the German 10-year yield spread over Treasuries widened by ten basis points to 28.

UK and French government bonds were buoyed by Treasuries, with shorter-dated bonds performing particularly well. Yields on benchmark two-year French paper fell by eight basis points, while yields on benchmark UK three-year bonds fell by the same amount.

At Liffe the March gilt contract gained nearly a quarter of a point to settle at 110, while at Matif the March notional settled at 119.84, up 0.30. The March Fibo contract settled at 94.84 up 0.13.

IBCA, the European credit rating agency, yesterday warned that the US would stay on credit watch for a possible downgrade of its AAA credit rating until the current impasse between the president and Congress is resolved. IBCA said that any "default by the US government would be absurd in view of the size of American capacity to pay, but mistakes can happen in dangerous games of bluff."

Shareholders approve RTZ-CRA merger

By Nikki Tait in Sydney and Kenneth Gooding in London

New conditions imposed by the Australian government before it would approve the merger of CRA with the RTZ Corporation of the UK were "not remotely onerous and should not give concern to any shareholder," Mr. Bob Wilson, RTZ's chief executive, insisted yesterday.

He was speaking at a meeting at which RTZ shareholders gave overwhelming approval for the merger that will produce the world's biggest mining company.

CRA shareholders had given their approval a few hours earlier by an equally wide margin.

RTZ has agreed with the Australian government to cut its shareholding in CRA from the present 49 per cent to 39 per cent during the next 10 years.

The holding may be reduced further "to the minimum requirements necessary for RTZ shareholders to preserve the benefits of foreign investment dividends under UK tax laws."

At present this level is about 20 per cent. There is no set time limit for this further reduction.

According to the Australian government, the new agreement also requires that the exploration teams of the two groups be combined, with Australian representation at senior levels; Australian employees be used "to provide expertise" for various RTZ-operated diamond and iron ore developments, as well as coal projects in the Americas and aluminium production in the UK; and that "the boards of the dual

listed companies... have regard to the public shareholding in CRA when nominating directors to the board."

Once RTZ gave the green light, the government dropped the two conditions it had previously placed on the deal in return for its approval under Australia's foreign investment guidelines.

The previous conditions, imposed on "national interest" grounds, stipulated that one-third of the boards of the combined groups be Australian, and that CRA be given responsibility for the combined group's Latin American assets.

The government's volte-face was immediately attacked by Australia's coalition opposition. "The humiliating back-down confirms the ad hoc and ill-considered nature of this extraordinary minute-to-minute intervention last week," said Mr. Peter Costello, shadow treasurer. However, he said the opposition welcomed the deal.

Mr. John Uhrig, CRA's chairman, said that virtually all of the new "conditions" had already been envisaged by the companies. The only new element was the commitment to a timescale on the sell-down of RTZ's stake in CRA.

"We did talk about a possible sell-down," admitted Mr. Uhrig after the meeting, "but it was not firm."

Under the new agreement, there is no requirement that the RTZ shares be sold into the Australian market, and both Mr. Uhrig and Mr. Wilson indicated it was possible that the sell-down might be made at the time of an acquisition - using RTZ's shares in CRA either to raise funds or as direct consideration.

MBO launched for Skellerup Industries

By Terry Hall in Wellington

Former banker Mr. Murray Bolton has launched a NZ\$400m (US\$261m) management buy-out for Skellerup Industries, the New Zealand retail and industrial group he heads.

Skellerup - known locally as Baby Bilt - is made up of companies once controlled by Brierley Investments. As a Brierley executive Mr. Bolton was responsible for the group's formation and subsequent listing on the New Zealand market at NZ\$1.50 a share in 1993.

The buy-out offer of NZ\$2.45 a share compares with a pre-announcement market price of NZ\$2.07. The offer is being made through Maine Investments, a company controlled by senior Skellerup managers, and GS Capital Partners II, a fund affiliated to Goldman Sachs. Brierley Investments has a 30 per cent stake in Maine.

Skellerup, whose interests include garden centres, lawnmower manufacturing and a pottery business, lifted net profits 75 per cent to NZ\$4.4m in the year to last June.

NEW INTERNATIONAL BOND ISSUES

Borrower	Amount	Coupon	Price	Maturity	Yield	Spread	Book runner
World Bank	150	5.35	100.00	Jan 2003	11.15		DKB (Deutschland)
FRANCE	1bn	(a)	100.04R	Jul 1998	11.75R		Barque Nationale de Paris
FRANCE	1bn	(b)	100.00	Dec 2005	1.85		Argenta/Citibank
CZECH REPUBLIC	2.5bn	10.50	101.125	Jan 1998	1.25		Commerzbank

First terms, non-callable unless stated. Yield spread over relevant government bond at launch supplied by lead manager. 3 floating-rate notes. If fixed-rate price, then shown at re-offer level. a) 8-month FRB +125bps. b) Callable on 25/12/96 at par. 1) 9.25% for 1st 3 years and 10% thereafter. Short 1st coupon.

Coupon	Red	Price	Day's	Yield	Week	Month
Australia	10.000	120.06	111.2200	+0.930	8.35	8.83
Austria	6.500	110.05	100.7000	+0.470	8.43	8.50
Belgium	6.500	120.05	106.2500	+0.070	8.72	8.85
Canada	8.750	120.05	110.3000	+0.050	7.28	7.67
Denmark	8.000	103.06	104.3600	+0.160	7.37	7.34
France	7.750	104.00	105.8500	+0.140	5.92	6.30
Germany	7.750	104.00	107.4000	+0.330	6.70	6.85
Italy	6.500	105.05	102.5500	+0.270	6.09	6.09
Japan	6.250	103.04	91.8000	+0.050	7.55	7.46
UK	10.500	120.05	107.1000	+0.360	10.81	11.44
Spain	6.000	104.00	119.5200	+0.080	1.41	1.36
Netherlands	11.875	120.05	111.6200	+0.157	2.68	2.73
Sweden	6.000	102.05	104.6000	+0.040	6.11	6.11
Switzerland	10.150	107.05	100.9500	+0.730	9.83	10.01
US	6.000	120.05	103.5000	+0.270	8.80	8.70
US	8.000	120.05	104.2000	+0.270	8.80	8.70
US	8.000	120.05	106.27	+5.62	7.51	7.42
US	3.000	104.00	110.24	+7.72	7.66	7.59
US	5.875	110.05	101.40	+3.92	5.71	5.73
US	8.875	109.05	110.30	+5.72	6.07	6.06
ECU (French Govt)	7.500	104.05	103.1500	+0.540	7.02	7.11

London closing, New York mid-day.  
Yields: London market standard.  
1 Gross including withholding tax at 12.5 per cent payable by non-residents.  
Source: MMS International.

Strike	Price	CALLS	PUTS
Jan	0.33	0.78	1.03
Feb	0.33	0.78	1.03
Mar	0.33	0.78	1.03
Apr	0.33	0.78	1.03
May	0.33	0.78	1.03
Jun	0.33	0.78	1.03
Jul	0.33	0.78	1.03
Aug	0.33	0.78	1.03
Sep	0.33	0.78	1.03
Oct	0.33	0.78	1.03
Nov	0.33	0.78	1.03
Dec	0.33	0.78	1.03

Est. vol. total. Calls 12000 Puts 10000. Previous day's open int. Calls 14549 Puts 16001

FT-ACTUARIES FIXED INTEREST INDICES																							
Price Indices	Wed	Day's	Tue	Accrued	10	11	12	13	14	15	16	17											
Index	Dec 20	change %	Dec 19	Dec 18	Dec 17	Dec 16	Dec 15	Dec 14	Dec 13	Dec 12	Dec 11	Dec 10											
X to 5 years (23)	123.00	+0.07	122.91	1.67	10.77	9.1	9.1	9.1	9.1	9.1	9.1	9.1											
2-5 1/5 years (21)	148.90	+0.34	149.19	1.52	12.47	16	16	16	16	16	16	16											
Over 15 years (26)	106.67	+0.23	106.45	2.18	13.26	20	20	20	20	20	20	20											
Government (25)	144.58	+0.26	144.53	1.78	13.71	19	19	19	19	19	19	19											
All stocks (25)	144.58	+0.20	144.31	1.71	12.12																		
Index-Benchmark																							
X to 5 years (11)	106.07	+0.18	105.72	1.53	8.37	U	U	U	U	U	U	U											
2-5 1/5 years (11)	106.20	+0.11	105.68	0.67	5.47	U	U	U	U	U	U	U											
All stocks (12)	106.20	+0.11	105.68	0.61	5.58																		
Average gross redemption yields are shown below. Company Bond: 10% 4-1/2%; Medium: 8% 10-15%																							
FT FIXED INTEREST INDICES																							
	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
Govt. Secs. (10%)	95.65	95.63	95.93	95.10	96.06	91.77	96.22	90.92															
Fixed Interest	114.32	114.31	114.96	115.01	114.91	108.79	115.04	108.77															
* For 1995, Government Securities High rates compounding 127.40 10/1/95, 106.45 11/1/95, 106.45 12/1/95, 106.45 1/1/96, 106.45 2/1/96, 106.45 3/1/96, 106.45 4/1/96, 106.45 5/1/96, 106.45 6/1/96, 106.45 7/1/96, 106.45 8/1/96, 106.45 9/1/96, 106.45 10/1/96, 106.45 11/1/96, 106.45 12/1/96, 106.45 1/1/97, 106.45 2/1/97, 106.45 3/1/97, 106.45 4/1/97, 106.45 5/1/97, 106.45 6/1/97, 106.45 7/1/97, 106.45 8/1/97, 106.45 9/1/97, 106.45 10/1/97, 106.45 11/1/97, 106.45 12/1/97, 106.45 1/1/98, 106.45 2/1/98, 106.45 3/1/98, 106.45 4/1/98, 106.45 5/1/98, 106.45 6/1/98, 106.45 7/1/98, 106.45 8/1/98, 106.45 9/1/98, 106.45 10/1/98, 106.45 11/1/98, 106.45 12/1/98, 106.45 1/1/99, 106.45 2/1/99, 106.45 3/1/99, 106.45 4/1/99, 106.45 5/1/99, 106.45 6/1/99, 106.45 7/1/99, 106.45 8/1/99, 106.45 9/1/99, 106.45 10/1/99, 106.45 11/1/99, 106.45 12/1/99, 106.45 1/1/00, 106.45 2/1/00, 106.45 3/1/00, 106.45 4/1/00, 106.45 5/1/00, 106.45 6/1/00, 106.45 7/1/00, 106.45 8/1/00, 106.45 9/1/00, 106.45 10/1/00, 106.45 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## CURRENCIES AND MONEY

## MARKETS REPORT

## Dollar holds up well after Fed cuts US rates

By Philip Gawth

The dollar turned in a steady performance yesterday, maintaining the recent trend of currencies responding positively to cuts in domestic interest rates.

The firm showing was helped by the continued bullish performance of US asset markets, with stock and bond prices rallying in the wake of the 25 basis point cut in the federal funds rate, to 5.5 per cent, on Tuesday.

Activity, however, in currency markets remained very modest, with traders more concerned with Christmas parties and investors unwilling to take on fresh risk. Barring unforeseen circumstances, it looks as if markets will have to wait until the New Year for fresh trading direction, when portfolio managers start to implement investment strategies.

The dollar managed to hold onto gains above DM1.4, finishing in London at DM1.4494,

from DM1.4355 on Tuesday, before the Fed cut rates. During Asian trading, it reached a high of DM1.4461. Against the yen it closed at ¥101.935, from ¥101.67.

The pound slipped during early European trading, following the government's defeat in the House of Commons on the fishing policy. It later recovered its losses to close at DM2.3199, from DM2.2155. Against the dollar it finished at \$1.538, from \$1.5433. The trade-weighted index finished unchanged at 82.9.

The D-Mark was slightly weaker in Europe, finishing at FF3.437 against the French franc, from FF3.442. The D-Mark opened weaker on most European currency markets, suggesting the market had been

long D-Marks the previous evening.

There was little reaction to news that German M3 grew by an annualised 2.7 per cent in November, against 1.7 per cent in October. Germany's IFO institute encouraged the Bundesbank to cut interest rates again in the spring of 1996.

While the dollar performed steadily, it lacked the impetus to move decisively higher. Mr Peter Luxton, currency strategist at MMS in London, said: "The dollar was bid up in the morning, but with the lack of a budget deal, there is no momentum behind it."

There was precious little sign of progress from the politicians. Mr Leon Panetta, the White House chief of staff, said "problems had developed" in getting talks going. Mr Newt Gingrich, the Republican speaker in the House, said the two sides were "trying to find a way to meet" on the budget.

Mr David Cocker, economist



at Chemical Bank in London, said the dollar was unlikely to be able to move above DM1.450 against the D-Mark without the benefit of some sort of balanced budget package being agreed. "This means a package covering the whole seven years, rather than a piecemeal one which covers the next fiscal year, but leaves the question of how to finance

cuts further out as a presidential campaign issue."

Mr Cocker said the dollar could rally as far as DM1.50 on good news, but was then likely to run into problems in the form of scepticism over the European single currency project leading renewed strength to the D-Mark.

He was more sanguine about the outlook against the yen, noting that the turnaround in the trade trends, and the desire of Japanese investors to increase the weighting of overseas assets, made ¥120 a long-term target.

Mr Mike Rosenberg, head of international fixed income research at Merrill Lynch in New York, said the dollar could rally in the New Year. "Fed policy is still too tight. The yield curve is inverted and the real Fed funds rate is still too high, which is normally good for the dollar."

He downplayed the importance of a budget deal, saying it was "only important because

people think that it is."

He noted that the US budget deficit is better than just about anywhere else in the developed world. The market, he said, was illustrating a knee-jerk response of "Washington stalemate" sell the buck.

Mr Rosenberg said the bull market in interest rates persisted, but predicted that Japan would lead the way in 1996 with a policy tightening. On this basis, he predicted the yen could do better than people expected, as Japanese rates rose, while US and German ones fell.

Mr Luxton said the UK government's defeat on the fishing policy vote, "reminded markets that there is quite a high political risk factor in sterling."

IN OTHER CURRENCIES

Dec 20 Dec 21 1995

## WORLD INTEREST RATES

## MONEY RATES

	Over night	One month	Three months	Six months	One year	Long term	Repo
Belgium	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Denmark	5.0	5.0	5.0	5.0	5.0	5.0	5.0
France	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Germany	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Italy	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Japan	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Netherlands	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Spain	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Sweden	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Switzerland	5.0	5.0	5.0	5.0	5.0	5.0	5.0
UK	5.0	5.0	5.0	5.0	5.0	5.0	5.0
US	5.0	5.0	5.0	5.0	5.0	5.0	5.0

## EURO CURRENCY INTEREST RATES

	Over night	One month	Three months	Six months	One year
Belgium	5.0	5.0	5.0	5.0	5.0
Denmark	5.0	5.0	5.0	5.0	5.0
France	5.0	5.0	5.0	5.0	5.0
Germany	5.0	5.0	5.0	5.0	5.0
Italy	5.0	5.0	5.0	5.0	5.0
Japan	5.0	5.0	5.0	5.0	5.0
Netherlands	5.0	5.0	5.0	5.0	5.0
Spain	5.0	5.0	5.0	5.0	5.0
Sweden	5.0	5.0	5.0	5.0	5.0
Switzerland	5.0	5.0	5.0	5.0	5.0
UK	5.0	5.0	5.0	5.0	5.0
US	5.0	5.0	5.0	5.0	5.0

## POUND SPOT FORWARD AGAINST THE POUND

Dec 20		Gloating mid-point	Change on day	Sticker spread	Day's bid low
Europe					
Austria	(St)	15.8303	-0.0215	100 - 298	15.8700 15.7578
Belgium	(St)	15.5384	-0.0240	400 - 318	15.6000 15.4840
Denmark	(St)	8.6059	-0.0138	300 - 274	8.6310 8.5894
Finland	(St)	8.7237	-0.0272	147 - 808	8.7410 8.6900
France	(Fr)	7.6306	-0.0048	272 - 400	7.6507 7.6124
Germany	(St)	15.8303	-0.0215	100 - 298	15.8700 15.7578
Greece	(Ct)	369.982	-0.464	785 - 179	368.654 366.233
Ireland	(Ct)	0.5982	-0.0011	898 - 701	0.6010 0.5942
Italy	(St)	15.8303	-0.0215	100 - 298	15.8700 15.7578
Lowland	(Fr)	0.5982	-0.0039	400 - 519	0.6026 0.5962
Netherlands	(St)	2.4883	-0.0035	841 - 685	2.4982 2.4880
Poland	(St)	8.6059	-0.0033	889 - 146	8.6308 8.6274
Portugal	(St)	15.8303	-0.0215	100 - 298	15.8700 15.7578
Spain	(St)	15.8303	-0.0215	100 - 298	15.8700 15.7578
Sweden	(St)	10.2818	-0.0005	105 - 328	10.2854 10.1819
Switzerland	(St)	1.7810	-0.0038	804 - 531	1.7871 1.7777
UK					
Ecu		-1.2081	-0.0008	072 - 089	1.2125 1.2070



**INVESTMENT TRUSTS - Cont.**

Model	Price	MPG
Henry & Stone Est. Cap. 4x4	182.1	70.5
Warranty	15	17
Or Le 2000	214.1	81.5
Henry & Stone ES5	39	105
Warranty	26	14
Cash Anniversary	122	36
Henry & Stone 4x4 Discovery	35	92
Warranty	240	240
Westwood Charger	494	505
Westwood Low	171	121
Westwood Easy Mids	54	79
Warranty	134	131
Westwood Conspiracy	80	84.2
Westwood Easto Pric	224	275
Warranty	280.2	273
Westwood 4x4		

## INVESTMENT TRUSTS

[illegible]

Premium Underwriting	122
Royal Inco	378
Summit Insurance	381

[illegible]

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[illegible]

**Warrant:** \_\_\_\_\_  
**Warrant:** 2006 \_\_\_\_\_  
**Received:** \_\_\_\_\_

[illegible]

Chase and St. N.	78
Warrant	25
Chase and St. N.	25

[illegible]

Edinburgh, Japan...	3-4	164
Warrantis		63

[illegible]

Monthly Jan 1948	74.0
Warrents	27.5
Electricity Control Note on	100.0

	1997	1998	1999
TR Property	112	+2	119
TR Pacc	274	-1	313
TR Westman	1	-	238
TR Sherrill	29	+1	68
Impact of Prop	97	-	241
Turnkey Trans	162	+4	120
US Supplier Cost	199	-	178
US Supplier	255	+13	267
USDOC	133	-	117
Understand Acctg	124	-	130
Value & Inc	79	-	66
Warrantor Cost Sub	79	-	66
Warrantor	28	-	45
Warrant & Value	195	-	185
Warrant	106	-	90
Warrant	201	-	22
Warrant	201	-	22

Warranted \_\_\_\_\_ D21  
 Flaming Box \_\_\_\_\_ 240  
 \_\_\_\_\_ 2021

	Units	Price	+ or -	52 weeks high
Approved by the Federal Reserve				
American Spill Inc. for	100	220		220
Units	221			220
Cost	377			311
Roberts Pl Inc.	50	102		107 1/2
Zoro Div Pl	198			198
McDonalds Inc.	200			250
Cap	191	+3		194
City of Oxford	20			34 1/2
Warrens				8
Zoro Div Pl	114	+1 1/2		118 1/2
McDonalds Inc.	200			250
Cap	191			194
Zoro Div Pl	198			198
Cost	377			311
Roberts Pl Inc.	50			107 1/2
Zoro Div Pl	198			198
McDonalds Inc.	200			250
Cap	191			194

For & Col High	Sw	62½
For & Col Inc Growth	Sw	106nd

[illegible]

Warrant	100	100
Glasgow Inc.	100	100

Zero Div Pft	103	194
Zero Div Pft	67	194
Zero Div Pft	129	127
Units	236	220
Zero Div Pft	61	72
Units	100	108
Zero Div Pft	75	118
Units	2086	2086
Zero Div Pft	804	101
Units	122	123
Zero Div Pft	122	123
Units	1058	1058
Zero Div Pft	171	173
Units	1048	1048
Zero Div Pft	48	95
Units	10	13
Zero Div Pft	127	188
Units	127	115
Zero Div Pft	127	127
Units	127	127

High Rise Truck	7000
Hoare Gould 1000	80
Hoare GM Forks Car	1200

[illegible]

Warrant ☐ 47  
 Long Corp Gwth ☒ 103 1/2

Wierzbicki	_____	_____	_____
Lisak	H	_____	_____
Zero PI	_____	_____	_____

[illegible]



### ABM - Cont.

[illegible][illegible][illegible][illegible][illegible]

1







## OTHER OFFSHORE FUNDS

[illegible]











Have you

Have you







# Paris makes headway amid optimism

هكذا من الراحل